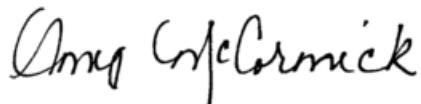


ANALYTICAL REPORT

Job Number: 240-29036-1

Job Description: UTC Carrier PCBMP Monitoring Plan, Q3

For:
EnSafe, Inc.
220 Athens Way, Plaza 1, Suite 410
Nashville, TN 37228
Attention: Ms. May Heflin



Approved for release.
Amy L McCormick
Project Manager I
10/10/2013 3:39 PM

Amy L McCormick, Project Manager I
4101 Shuffel Street NW, North Canton, OH, 44720
(330)966-9787
amy.mccormick@testamericainc.com
10/10/2013

cc: Shane Goodnight
Anne Kathain
Final Data Tracking
Nelson Wong

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of TestAmerica and its client. All questions regarding this report should be directed to the TestAmerica Project Manager who has signed this report.

**Job Narrative
240-29036-1**

Comments

The 209 PCB analysis was performed at the TestAmerica Knoxville Laboratory.

Receipt

The samples were received on 9/14/2013 10:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 6 coolers at receipt time were 1.2° C, 2.0° C, 2.6° C, 3.2° C, 3.6° C and 3.8° C.

No analytical or quality issues were noted.

H3I170418 Analytical Report	1
Sample Receipt Documentation	154
Total Number of Pages	158

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. 240-29036-1

Carrier

Lot #: H3I170418

Amy McCormick

TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720

TESTAMERICA LABORATORIES, INC.



Ryan Henry
Project Manager

October 8, 2013

ANALYTICAL METHODS SUMMARY

H3I170418

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
PCBs, HRGC/HRMS	EPA-22 1668A

References:

EPA-22 "METHOD 1668, REVISION A: CHLORINATED BIPHENYL CONGENERS IN WATER, SOIL, SEDIMENT, AND TISSUE BY HRGC/HRMS"
EPA-821-R-00-002 12/99

SAMPLE SUMMARY

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<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
M10N8	001	SWTP-PS2-3Q13	09/12/13	13:00
M10PA	002	SWTP-MH3-3Q13	09/12/13	12:55
M10PC	003	SWTP-MH2-3Q13	09/12/13	12:52
M10PD	004	SWTP-EFF-3Q13	09/12/13	13:05
M10PE	005	MH7-3Q13	09/12/13	10:38
M10PF	006	MH39-3Q13	09/12/13	12:35
M10PG	007	MH42-3Q13	09/12/13	11:50
M10PJ	008	MH41-3Q13	09/12/13	11:35
M10PK	009	MH175-3Q13	09/12/13	14:25
M10PL	010	MH181-3Q13	09/12/13	10:30
M10PM	011	MH182-3Q13	09/12/13	10:40
M10PN	012	MH312-3Q13	09/12/13	14:11
M10PP	013	MH313-3Q13	09/12/13	14:00
M10PR	014	MH116A-3Q13	09/12/13	11:20
M10PT	015	MHP1W-3Q13	09/12/13	11:05
M10PV	016	MH151-3Q13	09/12/13	10:52

NOTE (S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

TestAmerica Knoxville
Lot# H3I170418

TA Sample Number	Client Sample ID	Total PCB amount (pg/L)	Units
001	SWTP-PS2-3Q13	72,000 Q B	pg/L
002	SWTP-MH3-3Q13	130,000 Q B	pg/L
003	SWTP-MH2-3Q13	14,000 Q B S	pg/L
004	SWTP-EFF-3Q13	2100 Q B	pg/L
005	MH7-3Q13	130,000 Q B	pg/L
006	MH39-3Q13	6300 Q B S	pg/L
007	MH42-3Q13	6500 Q B S	pg/L
008	MH41-3Q13	680,000 Q B	pg/L
009	MH175-3Q13	74,000 Q B	pg/L
010	MH181-3Q13	33,000 Q B	pg/L
011	MH182-3Q13	34,000 Q B	pg/L
012	MH312-3Q13	91,000 Q B	pg/L
013	MH313-3Q13	66,000 Q B	pg/L
014	MH116A-3Q13	680,000 Q B	pg/L
015	MHP1W-3Q13	110,000 Q B	pg/L
016	MH151-3Q13	51,000 Q B	pg/L

PROJECT NARRATIVE

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The results reported herein are applicable to the samples submitted for analysis only. If you have any questions about this report, please call (865) 291-3000 to speak with the TestAmerica project manager listed on the cover page.

This report shall not be reproduced except in full, without the written approval of the laboratory.

The original chain of custody documentation is included with this report.

Sample Receipt

There were no problems with the condition of the samples received.

Quality Control and Data Interpretation

Unless otherwise noted, all holding times and QC criteria were met and the test results shown in this report meet all applicable NELAC requirements.

For solid and sediments samples, when percent moisture is included in the report header field, the sample results are reported on a dry weight basis. When percent moisture is not contained in the header field, sample results are reported on an as received or wet weight basis.

Several samples were analyzed at 5-fold dilutions due to native analyte levels.

Nomenclature – The standardization strategy described in this report uses the naming convention of SW-846 Method 8290. This convention differs from Method 1668 in the following manner:

Standard Addition Occurs Prior to:	Method 1668	SW-846 Conventions Used in this Report
Sampling	None	Sampling Surrogate
Extraction	Labeled Toxics/LOC/Window Defining	Internal Standard
Cleanups	Labeled Cleanup Standard	Cleanup Standard*
Injection	Labeled Injection Internal Standard	Recovery Standard

* Cleanup Standard is also referred to as Surrogate Standard on report.

The shorthand notation used for congeners in this report is summarized in Table 2.

Qualifiers – The following flags are used to qualify results for HRMS PCB results:

J – The reported result is an estimate. The amount reported is below the Estimated Minimum Level (EML). EML is defined by the method as the lowest concentration at which

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an analyte can be measured reliably with common laboratory interferences present. This value has been determined for each congener by MDL and laboratory method blank studies. The value is adjusted to reflect sample specific initial and final volumes.

E – The reported result is an estimate. The amount reported is above the UCL described below.

The E qualifier is applied on the basis of the **Upper Calibration Level (UCL)**. The quantitative definition of the UCL is listed below:

Upper Calibration Level: The concentration or mass of analyte in the sample that corresponds to the highest calibration level in the initial calibration. It is equivalent to the concentration of the highest calibration standard, assuming that all method-specified sample weights, volumes, and cleanup procedures have been employed.

B – The analyte is present in the associated method blank at a reportable level. For this analysis, there is no method specified reporting level, other than the qualitative criterion that peaks must exhibit a signal-to-noise ratio of 2.5-to-1. Therefore, the presence of any amount of the analyte present in the blank will result a B qualifier on all associated samples.

Note: Some laboratories do not report contamination in the blank unless it is above their lower calibration limit, or an established percentage of the level in the samples, or an established percentage of the regulatory limit. Likewise, some laboratories set a reporting limit at one half the lower calibration limit.

Q – Estimated maximum possible concentration. This qualifier is used when the result is generated from chromatographic data that does not meet all the qualitative criteria for a positive identification given in the method. The criteria include the following areas:

- Ion abundance ratios must be within specified limits (+/-15% of theoretical ion abundance ratio.)
- Retention time criteria (relative to the method-specified isotope labeled retention time standard).
- Co-maximization criterion. The two quantitation ion peaks must reach their maxima within 2 seconds of each other.

S – Ion suppression evident. The trace indicating the signal from the lock mass of the calibration compound shows a deflection at the retention time of the analyte. This may indicate a temporary suppression of the instrument sensitivity, due to a matrix-borne interference.

C – Coeluting Isomer. The isomer is known to coelute with another member of its homologue group, or the peak shape is shouldered, indicating the likelihood of a coeluting isomer. When the C flag is followed by a number, the number indicates the lowest numbered congener among the coelution set. For example, if 100 pg/L is detected at the retention time of PCB 156, and PCB 157 is known to coelute with PCB 156, the results will be flagged as follows:

PCB 156 100 pg/L C

PCB 157 100 pg/L C156

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In certain electronic deliverables the result field for PCB 157 will be null, with "C156" appearing in the qualifier field in accordance with the CARP EDD specification.

X – Other. See explanation in narrative.

Results – The results for the analyses are summarized in the following pages. Please see comments regarding qualifiers, above. Additional information regarding qualifiers is explained in the legends at the end of each result summary. A summary of the shorthand conventions used in this report is provided in Table 2.

Detection Limits – For all analyte results a sample specific detection limit is calculated for that analyte. This is done by first determining the GC/MS peak height of the noise or interferent in the expected region of the analyte signal. This value is multiplied by the number 2.5, which serves as a safety factor. The 2.5 safety factor is disregarded if the noise present in the analyte region is a result of chemical interferences. The resulting signal response value is then used to estimate the minimum detectable analyte amount. The result is the estimated sample detection limit.

When an analyte is not detected, an ND appears in place of the result. The value in the detection limit column is the estimated detection limit for the analyte in that particular sample.

EXAMPLE CALCULATIONS

The following formulas were used for sample calculations. Examples are given for calculating the percent recovery for internal standard $^{13}\text{C}_{12}$ -PCB 1, the concentration of native PCB 1 and the EDL for PCB 1. All values used in the calculations below are typical (i.e. not extracted from a particular sample). Actual values are found on the IsoCalc Preliminary Sample Report (IPSR) at the position indicated (in parentheses, below):

INTERNAL STANDARD RECOVERY ($^{13}\text{C}_{12}$ -PCB 1)

$$\text{Percent Recovery} = \frac{\Sigma A_{IS} \cdot W_{RS} \cdot 100\%}{\Sigma A_{RS} \cdot W_{IS} \cdot RRF}$$

ΣA_{IS} = Sum of areas for the Internal Standard quantitation ions. (IPSR – Column "Area", Row "13C12-PCB 1")

W_{RS} = Mass in ng of the Recovery Standard. (IPSR – Column "Std Amt", Row "13C12-PCB 9")

ΣA_{RS} = Sum of areas for the Recovery Standard quantitation ions. (IPSR – Column "Area", Row "13C12-PCB 9")

W_{IS} = Mass in ng of the Internal Standard. (IPSR – Column "Std Amt", Row "13C12-PCB 1")

RRF = Internal Standard mean relative response factor from the initial multipoint calibration. (IPSR - Column "RF", Row "13C12-PCB 1".)

Substituting typical values ,

$$\frac{1106275 \cdot 2.000 (\text{ng}) \cdot 100\%}{1205581 \cdot 2.000 (\text{ng}) \cdot 1.412} = 65\% \text{ Recovery}$$

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NATIVE ANALYTE QUANTITATION (PCB 1)

$$\text{Conc} = \frac{\sum A_X \bullet W_{IS}}{\sum A_{IS} \bullet V \bullet 0.001 (\text{mL/L}) \bullet RRF}$$

ΣA_X = Sum of areas for analyte quantitation ions. (IPSR – Area Column “Area”, Row “PCB 1”)

W_{IS} = Mass in ng of Internal Standard. (IPSR – Column “Std Amt”, Row “13C12-PCB 1”)

ΣA_{IS} = Sum areas for the Internal Standard. (IPSR – Column “Area”, Row 13C12-PCB 1)

V = Volume of sample extracted in mL. (IPSR – Header Column 2, Row “Initial Wt/Vol”)

RRF = Native analyte mean relative response factor from the initial calibration, or daily response factor as appropriate. (IPSR – Column “RF”, Row “PCB 1”)

$$\text{Substituting typical values, } \frac{8951 \bullet 2.000 (\text{ng})}{1106275 \bullet 2200 (\text{mL}) \bullet 0.001 (\text{mL/L}) \bullet 1.136} = 0.00647 \text{ ng/L} = 6.47 \text{ pg/L}$$

CALCULATION OF SAMPLE SPECIFIC ESTIMATED DETECTION LIMIT

This calculation uses the noise values found on the IsoCalc Preliminary Peak Report (IPPR), which follows the IPSR. All the other values used in the equation are found on the IPSR.)

$$\frac{\sum I_X \bullet W_{IS} \bullet T_{SN}}{\sum I_{IS} \bullet V \bullet 0.001 (\text{mL/L}) \bullet RRF}$$

$\sum I_X$ = Sum of the intensities of the noise levels of the characteristic ions in the region of analyte elution. (IPPR – Columns “Height1” and “Height2”, Row {mass} 188, Sub-Row “Noise”).

W_{IS} = Mass in ng of the Internal Standard. (IPSR – Column “Std Amt”, Row “13C12-PCB 1”).

T_{SN} = Minimum Signal-to-Noise threshold. = 2.5. A constant, specified by the method.

$\sum I_{IS}$ = Intensity of the corresponding ^{13}C ions. (IPSR – Column “Height”, Row “13C12-PCB 9”)

V = Volume of sample extracted in mL. (IPSR – Header Column 2, Row “Initial Wt/Vol”)

RRF = Native analyte mean relative response factor from the initial calibration or daily standard as appropriate. (IPSR – Column “RF”, Row “PCB 1”)

$$\text{Substituting typical values } \frac{79 \bullet 2000 (\text{pg}) \bullet 2.5}{334600 \bullet 2200 (\text{mL}) \bullet 0.001 (\text{mL/L}) \bullet 1.136} = 0.466 \text{ pg/L}$$

In sample data, peaks must have an intensity of 2.5 times the height of the background noise in order to be considered. Careful examination of the two equations above, and a bit of algebra reveals that for the concentration of the smallest peak detectable (per the EDL equation) to

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exactly equal the smallest peaks that are calculated, requires that the average height to area ratio obtained during the calibration must equal the area to height ratio for every peak obtained near 2.5 times the noise. When the area to height ratio on a peak in a sample is less than the average obtained during calibration, the calculated result will correspond to a peak that would have been less than 2.5 X the noise on the calibration. This is the result of normal variability. Because the source method for the EDL (EPA 1668) does not provide for censoring of results by any other magnitude standard than being 2.5 times the noise, the laboratory does not censor at the calculated EDL. Hence, detections may be reported below the estimated detection limits.

Table 1
Concentration of PCBs in Calibration Solutions

Analyte Type	BZ/IUPAC ¹	CS 0.5 ng/mL	CS 1 ng/mL	CS 2 ng/mL	CS 3 ² ng/mL	CS 4 ng/mL	CS 5 ng/mL
Congeners							
2-MoCB	1	0.5	1.0	5.0	50	400	2000
4-MoCB	3	0.5	1.0	5.0	50	400	2000
2,2'-DiCB	4	0.5	1.0	5.0	50	400	2000
4,4'-DiCB	15	0.5	1.0	5.0	50	400	2000
2,2',6'-TrCB	19	0.5	1.0	5.0	50	400	2000
3,4,4'-TrCB	37	0.5	1.0	5.0	50	400	2000
2,2',6,6'-TeCB	54	0.5	1.0	5.0	50	400	2000
3,3',4,4'-TeCB	77	0.5	1.0	5.0	50	400	2000
3,4,4',5-TeCB	81	0.5	1.0	5.0	50	400	2000
2,2',4,6,6'-PeCB	104	0.5	1.0	5.0	50	400	2000
2,3,3',4,4'-PeCB	105	0.5	1.0	5.0	50	400	2000
2,3,4,4',5-PeCB	114	0.5	1.0	5.0	50	400	2000
2,3',4,4',5-PeCB	118	0.5	1.0	5.0	50	400	2000
2',3,4,4',5-PeCB	123	0.5	1.0	5.0	50	400	2000
3,3',4,4',5-PeCB	126	0.5	1.0	5.0	50	400	2000
2,2',4,4',6,6'-HxCB	155	0.5	1.0	5.0	50	400	2000
2,3,3',4,4',5-HxCB	156	0.5	1.0	5.0	50	400	2000
2,3,3',4,4',5-HxCB	157	0.5	1.0	5.0	50	400	2000
2,3',4,4',5,5'-HxCB	167	0.5	1.0	5.0	50	400	2000
3,3',4,4',5,5'-HxCB	169	0.5	1.0	5.0	50	400	2000
2,2',3,4',5,6,6'-HpCB	188	0.5	1.0	5.0	50	400	2000
2,3,3',4,4',5,5'-HpCB	189	0.5	1.0	5.0	50	400	2000
2,2',3,3',5,5',6,6'-OcCB	202	0.5	1.0	5.0	50	400	2000
2,3,3',4,4',5,5',6-OcCB	205	0.5	1.0	5.0	50	400	2000
2,2',3,3',4,4',5,5',6-NoCB	206	0.5	1.0	5.0	50	400	2000
2,2',3,3',4',5,5',6,6'-NoCB	208	0.5	1.0	5.0	50	400	2000
DeCB	209	0.5	1.0	5.0	50	400	2000
All other CB congeners		0.5	1.0	5.0	50	400	2000
Labeled Congeners							
¹³ C ₁₂ -2-MoCB	1L	100	100	100	100	100	100
¹³ C ₁₂ -4-MoCB	3L	100	100	100	100	100	100
¹³ C ₁₂ -2,2'-DICB	4L	100	100	100	100	100	100
¹³ C ₁₂ -4,4'-DICB	15L	100	100	100	100	100	100
¹³ C ₁₂ -2,2',6-TrCB	19L	100	100	100	100	100	100
¹³ C ₁₂ -3,4,4'-TrCB	37L	100	100	100	100	100	100
¹³ C ₁₂ -2,2',6,6'-TeCB	54L	100	100	100	100	100	100
¹³ C ₁₂ -3,3',4,4'-TeCB	77L	100	100	100	100	100	100
¹³ C ₁₂ -3,4,4',5-TeCB	81L	100	100	100	100	100	100
¹³ C ₁₂ -2,2',4,6,6'-PeCB	104L	100	100	100	100	100	100
¹³ C ₁₂ -2,3,3',4,4'-PeCB	105L	100	100	100	100	100	100
¹³ C ₁₂ -2,3,4,4',5-PeCB	114L	100	100	100	100	100	100

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Table 1
Concentration of PCBs in Calibration Solutions

Analyte Type	BZ/IUPAC ¹	CS 0.5 ng/mL	CS 1 ng/mL	CS 2 ng/mL	CS 3 ² ng/mL	CS 4 ng/mL	CS 5 ng/mL
¹³ C ₁₂ -2,3',4,4',5-PeCB	118L	100	100	100	100	100	100
¹³ C ₁₂ -2',3,4,4',5-PeCB	123L	100	100	100	100	100	100
¹³ C ₁₂ -3,3',4,4',5-PeCB	126L	100	100	100	100	100	100
¹³ C ₁₂ -2,2',4,4',6,6'-HxCB	155L	100	100	100	100	100	100
¹³ C ₁₂ -2,3,3',4,4',5-HxCB	156L	100	100	100	100	100	100
¹³ C ₁₂ -2,3,3',4,4',5'-HxCB	157L	100	100	100	100	100	100
¹³ C ₁₂ -2,3',4,4',5,5'-HxCB	167L	100	100	100	100	100	100
¹³ C ₁₂ -3,3',4,4',5,5'-HxCB	169L	100	100	100	100	100	100
¹³ C ₁₂ -2,2',3,3',4,4',5-HpCB	170L	100	100	100	100	100	100
¹³ C ₁₂ -2,2',3,4',5,6,6'-HpCB	188L	100	100	100	100	100	100
¹³ C ₁₂ -2,3,3',4,4',5,5'-HpCB	189L	100	100	100	100	100	100
¹³ C ₁₂ -2,2',3,3',5,5',6,6'-OcCB	202L	100	100	100	100	100	100
¹³ C ₁₂ -2,3,3',4,4',5,5',6-OcCB	205L	100	100	100	100	100	100
¹³ C ₁₂ -2,2',3,3',4,4',5,5',6-NoCB	206L	100	100	100	100	100	100
¹³ C ₁₂ -2,2',3,3',4,4',5,5',6-NoCB	208L	100	100	100	100	100	100
¹³ C ₁₂ -DeCB	209L	100	100	100	100	100	100
Cleanup Standards							
¹³ C ₁₂ -2,4,4'-TriCB	28L	0.5	1.0	5.0	50	400	--
¹³ C ₁₂ -2,3,3',5,5'-PeCB	111L	0.5	1.0	5.0	50	400	--
¹³ C ₁₂ -2,2',3,3',5,5',6-HpCB	178L	0.5	1.0	5.0	50	400	--
Recovery Standards							
¹³ C ₁₂ -2,5-DiCB	9L	100	100	100	100	100	100
¹³ C ₁₂ -2,4',5-TriCB	31L	100	100	100	100	100	100
¹³ C ₁₂ -2,4',6-TriCB	32L	100	100	100	100	100	100
¹³ C ₁₂ -2,2',5,5'-TeCB	52L	100	100	100	100	100	100
¹³ C ₁₂ -2,2',4,5,5'-PeCB	101L	100	100	100	100	100	100
¹³ C ₁₂ -3,3',4,5,5'-PeCB	127L	100	100	100	100	100	100
¹³ C ₁₂ -2,2',3',4,4',5'-HxCB	138L	100	100	100	100	100	100
¹³ C ₁₂ -2,2',3,4,4',5,5'-HpCB	180L	100	100	100	100	100	100
¹³ C ₁₂ -2,2',3,3',4,4',5,5'-OcCB	194L	100	100	100	100	100	100
Labeled Sampling Surrogates							
¹³ C ₁₂ -2,4'-DiCB	8L	0.5	1.0	5.0	50	400	--
¹³ C ₁₂ -3,3',4,5'-TeCB	79L	0.5	1.0	5.0	50	400	--
¹³ C ₁₂ -2,2',3,5,6-PeCB	95L	0.5	1.0	5.0	50	400	--
¹³ C ₁₂ -2,2',4,4',5,5'-HxCB	153L	0.5	1.0	5.0	50	400	--

1. Suffix "L" indicates labeled compound.

2. Calibration verification solution.

Table 2
PCB Shorthand Nomenclature⁴ Used in this Report

BZ/IUPAC Number ¹ .	PCB Chemical Structure Name ²	CAS Registry ³ Number	BZ/IUPAC Number ¹ .	PCB Chemical Structure Name ²	CAS Registry ³ Number
1	2-monochlorobiphenyl	2051-60-7	106	2,3,3',4,5-pentachlorobiphenyl	70424-69-0
2	3-monochlorobiphenyl	2051-61-8	107/109	2,3,3',4',5-pentachlorobiphenyl	70424-68-9
3	4-monochlorobiphenyl	2051-62-9	108/107	2,3,3',4,5'-pentachlorobiphenyl	70362-41-3
4	2,2'-dichlorobiphenyl	13029-08-8	109/108	2,3,3',4,6-pentachlorobiphenyl	74472-35-8
5	2,3-dichlorobiphenyl	16605-91-7	110	2,3,3',4',6-pentachlorobiphenyl	38380-03-9
6	2,3'-dichlorobiphenyl	25569-80-6	111	2,3,3',5,5'-pentachlorobiphenyl	39635-32-0
7	2,4-dichlorobiphenyl	33284-50-3	112	2,3,3',5,6-pentachlorobiphenyl	74472-36-9
8	2,4'-dichlorobiphenyl	34883-43-7	113	2,3,3',5',6-pentachlorobiphenyl	68194-10-5

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Table 2

PCB Shorthand Nomenclature⁴ Used in this Report

BZ/IUPAC Number ¹ .	PCB Chemical Structure Name ²	CAS Registry ³ Number	BZ/IUPAC Number ¹ .	PCB Chemical Structure Name ²	CAS Registry ³ Number
9	2,5-dichlorobiphenyl	34883-39-1	114	2,3,4,4',5-pentachlorobiphenyl	74472-37-0
10	2,6-dichlorobiphenyl	33146-45-1	115	2,3,4,4',6-pentachlorobiphenyl	74472-38-1
11	3,3'-dichlorobiphenyl	2050-67-1	116	2,3,4,5,6-pentachlorobiphenyl	18259-05-7
12	3,4-dichlorobiphenyl	2974-92-7	117	2,3,4',5,6-pentachlorobiphenyl	68194-11-6
13	3,4'-dichlorobiphenyl	2974-90-5	118	2,3',4,4',5-pentachlorobiphenyl	31508-00-6
14	3,5-dichlorobiphenyl	34883-41-5	119	2,3',4,4',6-pentachlorobiphenyl	56558-17-9
15	4,4'-dichlorobiphenyl	2050-68-2	120	2,3',4,5,5'-pentachlorobiphenyl	68194-12-7
16	2,2',3-trichlorobiphenyl	38444-78-9	121	2,3',4,5',6-pentachlorobiphenyl	56558-18-0
17	2,2',4-trichlorobiphenyl	37680-66-3	122	2,3,3',4,5-pentachlorobiphenyl (2,3,3',4',5'-pentachlorobiphenyl)	76842-07-4
18	2,2',5-trichlorobiphenyl	37680-65-2	123	2',3,4,4',5-pentachlorobiphenyl (2,3',4,4',5'-pentachlorobiphenyl)	65510-44-3
19	2,2',6-trichlorobiphenyl	38444-73-4	124	2',3,4,5,5'-pentachlorobiphenyl (2,3',4',5,5'-pentachlorobiphenyl)	70424-70-3
20	2,3,3'-trichlorobiphenyl	38444-84-7	125	2',3,4,5,6'-pentachlorobiphenyl (2,3',4',5',6-pentachlorobiphenyl)	74472-39-2
21	2,3,4-trichlorobiphenyl	55702-46-0	126	3,3',4,4',5-pentachlorobiphenyl	57465-28-8
22	2,3,4'-trichlorobiphenyl	38444-85-8	127	3,3',4,5,5'-pentachlorobiphenyl	39635-33-1
23	2,3,5-trichlorobiphenyl	55720-44-0	128	2,2',3,3',4,4'-hexachlorobiphenyl	38380-07-3
24	2,3,6-trichlorobiphenyl	55702-45-9	129	2,2',3,3',4,5-hexachlorobiphenyl	55215-18-4
25	2,3',4-trichlorobiphenyl	55712-37-3	130	2,2',3,3',4,5'-hexachlorobiphenyl	52663-66-8
26	2,3',5-trichlorobiphenyl	38444-81-4	131	2,2',3,3',4,6-hexachlorobiphenyl	61798-70-7
27	2,3',6-trichlorobiphenyl	38444-76-7	132	2,2',3,3',4,6'-hexachlorobiphenyl	38380-05-1
28	2,4,4'-trichlorobiphenyl	7012-37-5	133	2,2',3,3',5,5'-hexachlorobiphenyl	35694-04-3
29	2,4,5-trichlorobiphenyl	15862-07-4	134	2,2',3,3',5,6-hexachlorobiphenyl	52704-70-8
30	2,4,6-trichlorobiphenyl	35693-92-6	135	2,2',3,3',5,6'-hexachlorobiphenyl	52744-13-5
31	2,4',5-trichlorobiphenyl	16606-02-3	136	2,2',3,3',6,6'-hexachlorobiphenyl	38411-22-2
32	2,4',6-trichlorobiphenyl	38444-77-8	137	2,2',3,4,4',5-hexachlorobiphenyl	35694-06-5
33	2',3,4-trichlorobiphenyl (2,3',4'-trichlorobiphenyl)	38444-86-9	138	2,2',3,4,4',5'-hexachlorobiphenyl	35065-28-2
34	2',3,5-trichlorobiphenyl (2,3',5'-trichlorobiphenyl)	37680-68-5	139	2,2',3,4,4',6-hexachlorobiphenyl	56030-56-9
35	3,3',4-trichlorobiphenyl	37680-69-6	140	2,2',3,4,4',6'-hexachlorobiphenyl	59291-64-4
36	3,3',5-trichlorobiphenyl	38444-87-0	141	2,2',3,4,5,5'-hexachlorobiphenyl	52712-04-6
37	3,4,4'-trichlorobiphenyl	38444-90-5	142	2,2',3,4,5,6-hexachlorobiphenyl	41411-61-4
38	3,4,5-trichlorobiphenyl	53555-66-1	143	2,2',3,4,5,6'-hexachlorobiphenyl	68194-15-0
39	3,4',5-trichlorobiphenyl	38444-88-1	144	2,2',3,4,5',6-hexachlorobiphenyl	68194-14-9
40	2,2',3,3'-tetrachlorobiphenyl	38444-93-8	145	2,2',3,4,6,6'-hexachlorobiphenyl	74472-40-5
41	2,2',3,4-tetrachlorobiphenyl	52663-59-9	146	2,2',3,4',5,5'-hexachlorobiphenyl	51908-16-8
42	2,2',3,4'-tetrachlorobiphenyl	36559-22-5	147	2,2',3,4',5,6-hexachlorobiphenyl	68194-13-8
43	2,2',3,5-tetrachlorobiphenyl	70362-46-8	148	2,2',3,4',5,6'-hexachlorobiphenyl	74472-41-6
44	2,2',3,5'-tetrachlorobiphenyl	41464-39-5	149	2,2',3,4',5,6-hexachlorobiphenyl	38380-04-0
45	2,2',3,6-tetrachlorobiphenyl	70362-45-7	150	2,2',3,4',6,6'-hexachlorobiphenyl	68194-08-1
46	2,2',3,6'-tetrachlorobiphenyl	41464-47-5	151	2,2',3,5,5',6-hexachlorobiphenyl	52663-63-5
47	2,2',4,4'-tetrachlorobiphenyl	2437-79-8	152	2,2',3,5,6,6'-hexachlorobiphenyl	68194-09-2
48	2,2',4,5-tetrachlorobiphenyl	70362-47-9	153	2,2',4,4',5,5'-hexachlorobiphenyl	35065-27-1
49	2,2',4,5'-tetrachlorobiphenyl	41464-40-8	154	2,2',4,4',5,6'-hexachlorobiphenyl	60145-22-4
50	2,2',4,6-tetrachlorobiphenyl	62796-65-0	155	2,2',4,4',6,6'-hexachlorobiphenyl	33979-03-2
51	2,2',4,6'-tetrachlorobiphenyl	68194-04-7	156	2,3,3',4,4',5-hexachlorobiphenyl	38380-08-4
52	2,2',5,5'-tetrachlorobiphenyl	35693-99-3	157	2,3,3',4,4',5'-hexachlorobiphenyl	69782-90-7
53	2,2',5,6'-tetrachlorobiphenyl	41464-41-9	158	2,3,3',4,4',6-hexachlorobiphenyl	74472-42-7

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Table 2

PCB Shorthand Nomenclature⁴ Used in this Report

BZ/IUPAC Number ¹ .	PCB Chemical Structure Name ²	CAS Registry ³ Number	BZ/IUPAC Number ¹ .	PCB Chemical Structure Name ²	CAS Registry ³ Number
54	2,2',6,6'-tetrachlorobiphenyl	15968-05-5	159	2,3,3',4,5,5'-hexachlorobiphenyl	39635-35-3
55	2,3,3',4-tetrachlorobiphenyl	74338-24-2	160	2,3,3',4,5,6-hexachlorobiphenyl	41411-62-5
56	2,3,3',4'-tetrachlorobiphenyl	41464-43-1	161	2,3,3',4,5',6-hexachlorobiphenyl	74472-43-8
57	2,3,3',5-tetrachlorobiphenyl	70424-67-8	162	2,3,3',4,5,5'-hexachlorobiphenyl	39635-34-2
58	2,3,3',5'-tetrachlorobiphenyl	41464-49-7	163	2,3,3',4',5,6-hexachlorobiphenyl	74472-44-9
59	2,3,3',6-tetrachlorobiphenyl	74472-33-6	164	2,3,3',4',5',6-hexachlorobiphenyl	74472-45-0
60	2,3,4,4'-tetrachlorobiphenyl	33025-41-1	165	2,3,3',5,5',6-hexachlorobiphenyl	74472-46-1
61	2,3,4,5-tetrachlorobiphenyl	33284-53-6	166	2,3,4,4',5,6-hexachlorobiphenyl	41411-63-6
62	2,3,4,6-tetrachlorobiphenyl	54230-22-7	167	2,3',4,4',5,5'-hexachlorobiphenyl	52663-72-6
63	2,3,4',5-tetrachlorobiphenyl	74472-34-7	168	2,3',4,4',5',6-hexachlorobiphenyl	59291-65-5
64	2,3,4',6-tetrachlorobiphenyl	52663-58-8	169	3,3',4,4',5,5'-hexachlorobiphenyl	32774-16-6
65	2,3,5,6-tetrachlorobiphenyl	33284-54-7	170	2,2',3,3',4,4',5-heptachlorobiphenyl	35065-30-6
66	2,3',4,4'-tetrachlorobiphenyl	32598-10-0	171	2,2',3,3',4,4',6-heptachlorobiphenyl	52663-71-5
67	2,3',4,5-tetrachlorobiphenyl	73575-53-8	172	2,2',3,3',4,5,5'-heptachlorobiphenyl	52663-74-8
68	2,3',4,5'-tetrachlorobiphenyl	73575-52-7	173	2,2',3,3',4,5,6-heptachlorobiphenyl	68194-16-1
69	2,3',4,6-tetrachlorobiphenyl	60233-24-1	174	2,2',3,3',4,5,6'-heptachlorobiphenyl	38411-25-5
70	2,3',4',5-tetrachlorobiphenyl	32598-11-1	175	2,2',3,3',4,5',6-heptachlorobiphenyl	40186-70-7
71	2,3',4',6-tetrachlorobiphenyl	41464-46-4	176	2,2',3,3',4,6,6'-heptachlorobiphenyl	52663-65-7
72	2,3',5,5'-tetrachlorobiphenyl	41464-42-0	177	2,2',3,3',4',5,6-heptachlorobiphenyl (2,2',3,3',4,5',6'-heptachlorobiphenyl)	52663-70-4
73	2,3',5',6-tetrachlorobiphenyl	74338-23-1	178	2,2',3,3',5,5',6-heptachlorobiphenyl	52663-67-9
74	2,4,4',5-tetrachlorobiphenyl	32690-93-0	179	2,2',3,3',5,6,6'-heptachlorobiphenyl	52663-64-6
75	2,4,4',6-tetrachlorobiphenyl	32598-12-2	180	2,2',3,4,4',5,5'-heptachlorobiphenyl	35065-29-3
76	2',3,4,5-tetrachlorobiphenyl (2,3',4',5'-tetrachlorobiphenyl)	70362-48-0	181	2,2',3,4,4',5,6-heptachlorobiphenyl	74472-47-2
77	3,3',4,4'-tetrachlorobiphenyl	32598-13-3	182	2,2',3,4,4',5,6'-heptachlorobiphenyl	60145-23-5
78	3,3',4,5-tetrachlorobiphenyl	70362-49-1	183	2,2',3,4,4',5',6-heptachlorobiphenyl	52663-69-1
79	3,3',4,5'-tetrachlorobiphenyl	41464-48-6	184	2,2',3,4,4',6,6'-heptachlorobiphenyl	74472-48-3
80	3,3',5,5'-tetrachlorobiphenyl	33284-52-5	185	2,2',3,4,5,5',6-heptachlorobiphenyl	52712-05-7
81	3,4,4',5-tetrachlorobiphenyl	70362-50-4	186	2,2',3,4,5,6,6'-heptachlorobiphenyl	74472-49-4
82	2,2',3,3',4-pentachlorobiphenyl	52663-62-4	187	2,2',3,4',5,5',6-heptachlorobiphenyl	52663-68-0
83	2,2',3,3',5-pentachlorobiphenyl	60145-20-2	188	2,2',3,4',5,6,6'-heptachlorobiphenyl	74487-85-7
84	2,2',3,3',6-pentachlorobiphenyl	52663-60-2	189	2,3,3',4,4',5,5'-heptachlorobiphenyl	39635-31-9
85	2,2',3,4,4'-pentachlorobiphenyl	65510-45-4	190	2,3,3',4,4',5,6-heptachlorobiphenyl	41411-64-7
86	2,2',3,4,5-pentachlorobiphenyl	55312-69-1	191	2,3,3',4,4',5',6-heptachlorobiphenyl	74472-50-7
87	2,2',3,4,5'-pentachlorobiphenyl	38380-02-8	192	2,3,3',4,5,5',6-heptachlorobiphenyl	74472-51-8
88	2,2',3,4,6-pentachlorobiphenyl	55215-17-3	193	2,3,3',4,5,5',6-heptachlorobiphenyl	69782-91-8
89	2,2',3,4,6'-pentachlorobiphenyl	73575-57-2	194	2,2',3,3',4,4',5,5'-octachlorobiphenyl	35694-08-7
90	2,2',3,4',5-pentachlorobiphenyl	68194-07-0	195	2,2',3,3',4,4',5,6-octachlorobiphenyl	52663-78-2
91	2,2',3,4',6-pentachlorobiphenyl	68194-05-8	196	2,2',3,3',4,4',5,6'-octachlorobiphenyl	42740-50-1
92	2,2',3,5,5'-pentachlorobiphenyl	52663-61-3	197	2,2',3,3',4,4',6,6'-octachlorobiphenyl	33091-17-7
93	2,2',3,5,6-pentachlorobiphenyl	73575-56-1	198	2,2',3,3',4,5,5',6-octachlorobiphenyl	68194-17-2
94	2,2',3,5,6'-pentachlorobiphenyl	73575-55-0	199/200	2,2',3,3',4,5,6,6'-octachlorobiphenyl	52663-73-7
95	2,2',3,5',6-pentachlorobiphenyl	38379-99-6	200/201	2,2',3,3',4,5',6,6'-octachlorobiphenyl	40186-71-8
96	2,2',3,6,6'-pentachlorobiphenyl	73575-54-9	201/199	2,2',3,3',4,5,5',6'-octachlorobiphenyl	52663-75-9
97	2,2',3',4,5-pentachlorobiphenyl (2,2',3,4',5'-pentachlorobiphenyl)	41464-51-1	202	2,2',3,3',5,5',6,6'-octachlorobiphenyl	2136-99-4
98	2,2',3',4,6-pentachlorobiphenyl (2,2',3,4',6'-pentachlorobiphenyl)	60233-25-2	203	2,2',3,4,4',5,5',6-octachlorobiphenyl	52663-76-0

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Table 2

PCB Shorthand Nomenclature⁴ Used in this Report

BZ/IUPAC Number ¹ .	PCB Chemical Structure Name ²	CAS Registry ³ Number	BZ/IUPAC Number ¹ .	PCB Chemical Structure Name ²	CAS Registry ³ Number
99	2,2',4,4',5-pentachlorobiphenyl	38380-01-7	204	2,2',3,4,4',5,6,6'-octachlorobiphenyl	74472-52-9
100	2,2',4,4',6-pentachlorobiphenyl	39485-83-1	205	2,3,3',4,4',5,5',6-octachlorobiphenyl	74472-53-0
101	2,2',4,5,5'-pentachlorobiphenyl	37680-73-2	206	2,2',3,3',4,4',5,5',6-nonachlorobiphenyl	40186-72-9
102	2,2',4,5,6-pentachlorobiphenyl	68194-06-9	207	2,2',3,3',4,4',5,6,6'-nonachlorobiphenyl	52663-79-3
103	2,2',4,5',6-pentachlorobiphenyl	60145-21-3	208	2,2',3,3',4,5,5',6,6'-nonachlorobiphenyl	52663-77-1
104	2,2',4,6,6'-pentachlorobiphenyl	56558-16-8	209	2,2',3,3',4,4',5,5',6,6'-decachlorobiphenyl	2051-24-3
105	2,3,3',4,4'-pentachlorobiphenyl	32598-14-4			

1. The BZ number is from Ballschmiter and Zell (1980). The IUPAC number, when different from the BZ, follows the recommended changes to the BZ number per Schulte and Malisch (1983) and Guitart et al. (1993).
2. The chemical structure names are from Ballschmiter and Zell (1980). IUPAC nomenclature structure names are listed in parenthesis when different from the BZ name (source CAS Registry).
3. Chemical Abstract Service Registry number (source CAS Registry and 1668 Table 1).
4. A complete discussion of PCB Nomenclature may be found in Mills III, S.A. et al., A summary of the 209 PCB congener nomenclature, Chemosphere (2007), doi:10.1016/j.chemosphere.2007.03.052.

CERTIFICATION SUMMARY

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Knoxville	L-A-B	DoD ELAP		L2311
TestAmerica Knoxville	Arkansas DEQ	State Program	6	88-0688
TestAmerica Knoxville	California	State Program	9	2423
TestAmerica Knoxville	Colorado	State Program	8	N/A
TestAmerica Knoxville	Connecticut	State Program	1	PH-0223
TestAmerica Knoxville	Florida	NELAC	4	E87177
TestAmerica Knoxville	Georgia	State Program	4	906
TestAmerica Knoxville	Hawaii	State Program	9	N/A
TestAmerica Knoxville	Indiana	State Program	5	C-TN-02
TestAmerica Knoxville	Iowa	State Program	7	375
TestAmerica Knoxville	Kansas	NELAC	7	E-10349
TestAmerica Knoxville	Kentucky	State Program	4	90101
TestAmerica Knoxville	Louisiana DOHH	State Program	6	LA110001
TestAmerica Knoxville	Louisiana DEQ	NELAC	6	83979
TestAmerica Knoxville	Maryland	State Program	3	277
TestAmerica Knoxville	Michigan	State Program	5	9933
TestAmerica Knoxville	Minnesota	NELAC	5	047-999-429
TestAmerica Knoxville	Nevada	State Program	9	TN00009
TestAmerica Knoxville	New Jersey	NELAC	2	TN001
TestAmerica Knoxville	New York	NELAC	2	10781
TestAmerica Knoxville	North Carolina DENR	State Program	4	64
TestAmerica Knoxville	North Carolina DHHS	State Program	4	21705
TestAmerica Knoxville	Ohio	OVAP	5	CL0059
TestAmerica Knoxville	Oklahoma	State Program	6	9415
TestAmerica Knoxville	Pennsylvania	NELAC	3	68-00576
TestAmerica Knoxville	South Carolina	State Program	4	84001
TestAmerica Knoxville	Tennessee	State Program	4	2014
TestAmerica Knoxville	Texas	NELAC	6	T104704380-TX
TestAmerica Knoxville	Federal	USDA		P330-11-00035
TestAmerica Knoxville	Utah	NELAC	8	QUAN3
TestAmerica Knoxville	Virginia	NELAC	3	460176
TestAmerica Knoxville	Virginia	State Program	3	165
TestAmerica Knoxville	Washington	State Program	10	C593
TestAmerica Knoxville	West Virginia DEP	State Program	3	345
TestAmerica Knoxville	West Virginia DHHR	State Program	3	9955C

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Sample Data Summary

TestAmerica Canton
Sample ID: SWTP-PS2-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 001	Work Order #....:	M10N81AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	940 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 1 (BZ)	ND	210	0.87	pg/L
PCB 2 (BZ)	ND	210	1.0	pg/L
PCB 3 (BZ)	ND	210	1.3	pg/L
PCB 4 (BZ)	34	Q B J	320	pg/L
PCB 5 (BZ)	ND	210	6.8	pg/L
PCB 6 (BZ)	14	Q J	210	pg/L
PCB 7 (BZ)	ND	210	6.6	pg/L
PCB 8 (BZ)	43	Q B J	320	pg/L
PCB 9 (BZ)	ND	210	6.6	pg/L
PCB 10 (BZ)	ND	210	7.1	pg/L
PCB 11 (BZ)	11	Q B J	320	pg/L
PCB 12 (BZ)	ND	320	6.5	pg/L
PCB 13 (BZ)	ND	320	6.5	pg/L
PCB 14 (BZ)	ND	210	5.6	pg/L
PCB 15 (BZ)	25	Q B J	210	pg/L
PCB 16 (BZ)	21	Q J	210	pg/L
PCB 17 (BZ)	20	Q J	210	pg/L
PCB 18 (BZ)	68	B C J	320	pg/L
PCB 19 (BZ)	ND	210	6.4	pg/L
PCB 20 (BZ)	81	B C J	210	pg/L
PCB 21 (BZ)	36	B C J	210	pg/L
PCB 22 (BZ)	24	J	210	pg/L
PCB 23 (BZ)	ND	210	3.5	pg/L
PCB 24 (BZ)	ND	210	4.4	pg/L
PCB 25 (BZ)	ND	210	3.1	pg/L
PCB 26 (BZ)	9.5	Q C J	210	pg/L
PCB 27 (BZ)	ND	210	3.8	pg/L
PCB 28 (BZ)	81	B C20 J	210	pg/L
PCB 29 (BZ)	9.5	Q C26 J	210	pg/L
PCB 30 (BZ)	68	B C18 J	320	pg/L
PCB 31 (BZ)	73	B J	210	pg/L
PCB 32 (BZ)	21	J	210	pg/L
PCB 33 (BZ)	36	B C21 J	210	pg/L
PCB 34 (BZ)	ND	210	3.4	pg/L
PCB 35 (BZ)	ND	210	3.5	pg/L
PCB 36 (BZ)	ND	210	3.4	pg/L

TestAmerica Canton
Sample ID: SWTP-PS2-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 001	Work Order #....:	M10N81AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	940 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 37 (BZ)	24	J	210	3.5	pg/L
PCB 38 (BZ)	ND		210	3.6	pg/L
PCB 39 (BZ)	ND		210	3.2	pg/L
PCB 40 (BZ)	72	Q C J	210	6.7	pg/L
PCB 41 (BZ)	72	Q C40 J	210	6.7	pg/L
PCB 42 (BZ)	34	J	210	6.8	pg/L
PCB 43 (BZ)	ND		210	6.2	pg/L
PCB 44 (BZ)	410	B C	210	6.0	pg/L
PCB 45 (BZ)	17	Q C J	210	6.9	pg/L
PCB 46 (BZ)	ND		210	8.2	pg/L
PCB 47 (BZ)	410	B C44	210	6.0	pg/L
PCB 48 (BZ)	19	J	210	6.6	pg/L
PCB 49 (BZ)	210	B C J	210	5.5	pg/L
PCB 50 (BZ)	31	C J	210	6.4	pg/L
PCB 51 (BZ)	17	Q C45 J	210	6.9	pg/L
PCB 52 (BZ)	1200		210	6.4	pg/L
PCB 53 (BZ)	31	C50 J	210	6.4	pg/L
PCB 54 (BZ)	ND		210	6.9	pg/L
PCB 55 (BZ)	ND		210	5.2	pg/L
PCB 56 (BZ)	77	J	210	4.9	pg/L
PCB 57 (BZ)	ND		210	4.9	pg/L
PCB 58 (BZ)	ND		210	4.9	pg/L
PCB 59 (BZ)	ND		210	4.7	pg/L
PCB 60 (BZ)	31	J	210	5.0	pg/L
PCB 61 (BZ)	750	B C	210	4.7	pg/L
PCB 62 (BZ)	ND		210	4.7	pg/L
PCB 63 (BZ)	ND		210	4.6	pg/L
PCB 64 (BZ)	110	J	210	4.5	pg/L
PCB 65 (BZ)	410	B C44	210	6.0	pg/L
PCB 66 (BZ)	230		210	4.7	pg/L
PCB 67 (BZ)	ND		210	4.4	pg/L
PCB 68 (BZ)	ND		210	4.5	pg/L
PCB 69 (BZ)	210	B C49 J	210	5.5	pg/L
PCB 70 (BZ)	750	B C61	210	4.7	pg/L
PCB 71 (BZ)	72	Q C40 J	210	6.7	pg/L
PCB 72 (BZ)	ND		210	4.8	pg/L

TestAmerica Canton
Sample ID: SWTP-PS2-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 001	Work Order #....:	M10N81AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	940 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 73 (BZ)	ND		210	6.2	pg/L
PCB 74 (BZ)	750	B C61	210	4.7	pg/L
PCB 75 (BZ)	ND		210	4.7	pg/L
PCB 76 (BZ)	750	B C61	210	4.7	pg/L
PCB 77 (BZ)	ND		210	4.6	pg/L
PCB 78 (BZ)	ND		210	5.1	pg/L
PCB 79 (BZ)	13	J	210	4.5	pg/L
PCB 80 (BZ)	ND		210	4.4	pg/L
PCB 81 (BZ)	ND		210	4.6	pg/L
PCB 82 (BZ)	190	J	210	10	pg/L
PCB 83 (BZ)	900	C	210	8.6	pg/L
PCB 84 (BZ)	580		210	9.7	pg/L
PCB 85 (BZ)	230	Q C	210	7.1	pg/L
PCB 86 (BZ)	1400	B C	210	7.2	pg/L
PCB 87 (BZ)	1400	B C86	210	7.2	pg/L
PCB 88 (BZ)	210	C J	210	8.7	pg/L
PCB 89 (BZ)	ND		210	9.4	pg/L
PCB 90 (BZ)	3300	C	210	7.3	pg/L
PCB 91 (BZ)	210	C88 J	210	8.7	pg/L
PCB 92 (BZ)	430		210	8.3	pg/L
PCB 93 (BZ)	12	Q C J	210	8.4	pg/L
PCB 94 (BZ)	ND		210	9.4	pg/L
PCB 95 (BZ)	3000		210	8.9	pg/L
PCB 96 (BZ)	ND		210	7.0	pg/L
PCB 97 (BZ)	1400	B C86	210	7.2	pg/L
PCB 98 (BZ)	34	Q C J	210	8.1	pg/L
PCB 99 (BZ)	900	C83	210	8.6	pg/L
PCB 100 (BZ)	12	Q C93 J	210	8.4	pg/L
PCB 101 (BZ)	3300	C90	210	7.3	pg/L
PCB 102 (BZ)	34	Q C98 J	210	8.1	pg/L
PCB 103 (BZ)	ND		210	8.3	pg/L
PCB 104 (BZ)	ND		210	6.3	pg/L
Monochlorobiphenyl (total)	ND		210	3.2	pg/L
PCB 105 (BZ)	660		210	6.5	pg/L
Dichlorobiphenyl (total)	130	Q B J	320	73	pg/L
Trichlorobiphenyl (total)	380	B J Q	320	78	pg/L

TestAmerica Canton
 Sample ID: SWTP-PS2-3Q13
 Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 001	Work Order #....:	M10N81AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	940 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 106 (BZ)	ND		210	6.9	pg/L
Tetrachlorobiphenyl (total)	3200	Q B	210	160	pg/L
Pentachlorobiphenyl (total)	16000	Q B	210	230	pg/L
PCB 107 (BZ)/109 (IUPAC)	110	J	210	6.7	pg/L
Hexachlorobiphenyl (total)	31000	Q B	210	390	pg/L
Heptachlorobiphenyl (total)	17000	Q	210	180	pg/L
PCB 108 (BZ)/107 (IUPAC)	59	Q C J	210	7.0	pg/L
Octachlorobiphenyl (total)	3500	Q	210	66	pg/L
Nonachlorobiphenyl (total)	130	Q J	210	15	pg/L
PCB 109 (BZ)/108 (IUPAC)	1400	B C86	210	7.2	pg/L
PCB 110 (BZ)	3000	C	210	6.2	pg/L
PCB 111 (BZ)	ND		210	5.9	pg/L
PCB 112 (BZ)	ND		210	6.4	pg/L
PCB 113 (BZ)	3300	C90	210	7.3	pg/L
PCB 114 (BZ)	27	J	210	6.4	pg/L
PCB 115 (BZ)	3000	C110	210	6.2	pg/L
PCB 116 (BZ)	230	Q C85	210	7.1	pg/L
PCB 117 (BZ)	230	Q C85	210	7.1	pg/L
PCB 118 (BZ)	2000		210	6.4	pg/L
PCB 119 (BZ)	1400	B C86	210	7.2	pg/L
PCB 120 (BZ)	ND		210	6.1	pg/L
PCB 121 (BZ)	ND		210	6.1	pg/L
PCB 122 (BZ)	23	Q J	210	7.5	pg/L
PCB 123 (BZ)	19	Q J	210	6.6	pg/L
PCB 124 (BZ)	59	Q C108 J	210	7.0	pg/L
PCB 125 (BZ)	1400	B C86	210	7.2	pg/L
PCB 126 (BZ)	ND		210	7.4	pg/L
PCB 127 (BZ)	ND		210	6.8	pg/L
PCB 128 (BZ)	720	C	210	12	pg/L
PCB 129 (BZ)	7300	C	210	13	pg/L
PCB 130 (BZ)	250		210	17	pg/L
PCB 131 (BZ)	42	J	210	17	pg/L
PCB 132 (BZ)	2200		210	16	pg/L
PCB 133 (BZ)	51	J	210	16	pg/L
PCB 134 (BZ)	300	C	210	17	pg/L
PCB 135 (BZ)	2300	C	210	12	pg/L

TestAmerica Canton
Sample ID: SWTP-PS2-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 001	Work Order #....:	M10N81AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	940 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 136 (BZ)	880		210	9.0	pg/L
PCB 137 (BZ)	130	J	210	14	pg/L
PCB 138 (BZ)	7300	C129	210	13	pg/L
PCB 139 (BZ)	41	Q C J	210	14	pg/L
PCB 140 (BZ)	41	Q C139 J	210	14	pg/L
PCB 141 (BZ)	1600		210	15	pg/L
PCB 142 (BZ)	ND		210	16	pg/L
PCB 143 (BZ)	300	C134	210	17	pg/L
PCB 144 (BZ)	310		210	11	pg/L
PCB 145 (BZ)	ND		210	8.6	pg/L
PCB 146 (BZ)	830		210	13	pg/L
PCB 147 (BZ)	5900	B C	210	14	pg/L
PCB 148 (BZ)	ND		210	12	pg/L
PCB 149 (BZ)	5900	B C147	210	14	pg/L
PCB 150 (BZ)	ND		210	8.4	pg/L
PCB 151 (BZ)	2300	C135	210	12	pg/L
PCB 152 (BZ)	ND		210	8.6	pg/L
PCB 153 (BZ)	6700	B C	210	11	pg/L
PCB 154 (BZ)	18	Q J	210	10	pg/L
PCB 155 (BZ)	ND		210	8.2	pg/L
PCB 156 (BZ)	530	C	210	14	pg/L
PCB 157 (BZ)	530	C156	210	14	pg/L
PCB 158 (BZ)	670		210	10	pg/L
PCB 159 (BZ)	46	Q J	210	11	pg/L
PCB 160 (BZ)	7300	C129	210	13	pg/L
PCB 161 (BZ)	ND		210	11	pg/L
PCB 162 (BZ)	15	J	210	11	pg/L
PCB 163 (BZ)	7300	C129	210	13	pg/L
PCB 164 (BZ)	430		210	11	pg/L
PCB 165 (BZ)	ND		210	12	pg/L
PCB 166 (BZ)	720	C128	210	12	pg/L
PCB 167 (BZ)	170	J	210	8.4	pg/L
PCB 168 (BZ)	6700	B C153	210	11	pg/L
PCB 169 (BZ)	ND		210	7.4	pg/L
PCB 170 (BZ)	2300		210	11	pg/L
PCB 171 (BZ)	590	C	210	11	pg/L

TestAmerica Canton
Sample ID: SWTP-PS2-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 001	Work Order #....:	M10N81AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	940 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 172 (BZ)	280		210	10	pg/L
PCB 173 (BZ)	590	C171	210	11	pg/L
PCB 174 (BZ)	2000		210	9.8	pg/L
PCB 175 (BZ)	52	J	210	9.4	pg/L
PCB 176 (BZ)	220		210	7.1	pg/L
PCB 177 (BZ)	1000		210	10	pg/L
PCB 178 (BZ)	280	Q	210	10	pg/L
PCB 179 (BZ)	830		210	7.5	pg/L
PCB 180 (BZ)	4900	C	210	8.0	pg/L
PCB 181 (BZ)	ND		210	9.4	pg/L
PCB 182 (BZ)	ND		210	9.1	pg/L
PCB 183 (BZ)	1500	C	210	9.3	pg/L
PCB 184 (BZ)	ND		210	7.7	pg/L
PCB 185 (BZ)	1500	C183	210	9.3	pg/L
PCB 186 (BZ)	ND		210	7.5	pg/L
PCB 187 (BZ)	2200		210	8.7	pg/L
PCB 188 (BZ)	ND		210	6.5	pg/L
PCB 189 (BZ)	65	J	210	6.7	pg/L
PCB 190 (BZ)	310	Q	210	7.3	pg/L
PCB 191 (BZ)	71	J	210	7.1	pg/L
PCB 192 (BZ)	ND		210	8.0	pg/L
PCB 193 (BZ)	4900	C180	210	8.0	pg/L
PCB 194 (BZ)	970		210	6.5	pg/L
PCB 195 (BZ)	420		210	7.0	pg/L
PCB 196 (BZ)	470		210	7.0	pg/L
PCB 197 (BZ)	31	J	210	5.2	pg/L
PCB 198 (BZ)	840	C	210	7.2	pg/L
PCB 201 (BZ)/199 (IUPAC)	840	C198	210	7.2	pg/L
PCB 199 (BZ)/200 (IUPAC)	81	J	210	5.1	pg/L
PCB 200 (BZ)/201 (IUPAC)	60	Q J	210	4.9	pg/L
PCB 202 (BZ)	96	J	210	5.5	pg/L
PCB 203 (BZ)	500		210	6.4	pg/L
PCB 204 (BZ)	ND		210	5.4	pg/L
PCB 205 (BZ)	45	J	210	5.4	pg/L
PCB 206 (BZ)	100	Q J	210	5.9	pg/L
PCB 207 (BZ)	13	Q J	210	4.3	pg/L

TestAmerica Canton
Sample ID: SWTP-PS2-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 001	Work Order #....:	M10N81AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	940 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 208 (BZ)	15	Q J	4.6	pg/L
PCB 209 (BZ)	ND	210	6.0	pg/L

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 1	74	30 - 140
13C12-PCB 3	70	30 - 140
13C12-PCB 4	85	30 - 140
13C12-PCB 15	84	30 - 140
13C12-PCB 19	89	30 - 140
13C12-PCB 37	88	30 - 140
13C12-PCB 54	80	30 - 140
13C12-PCB 77	88	30 - 140
13C12-PCB 81	85	30 - 140
13C12-PCB 104	90	30 - 140
13C12-PCB 105	81	30 - 140
13C12-PCB 114	82	30 - 140
13C12-PCB 118	79	30 - 140
13C12-PCB 123	80	30 - 140
13C12-PCB 126	74	30 - 140
13C12-PCB 155	98	30 - 140
13C12-PCB 156	84	C 30 - 140
13C12-PCB 157	84	C 30 - 140
13C12-PCB 167	84	30 - 140
13C12-PCB 169	93	30 - 140
13C12-PCB 170	92	30 - 140
13C12-PCB 188	102	30 - 140
13C12-PCB 189	104	30 - 140
13C12-PCB 202	102	30 - 140
13C12-PCB 205	87	30 - 140
13C12-PCB 206	104	30 - 140
13C12-PCB 208	101	30 - 140
13C12-PCB 209	98	30 - 140

TestAmerica Canton
Sample ID: SWTP-PS2-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3II70418 - 001	Work Order #....:	M10N81AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	940 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 28	100	40 - 125
13C12-PCB 111	101	40 - 125
13C12-PCB 178	104	40 - 125

QUALIFIERS

- B Method blank contamination. The associated method blank contains the target analyte at a reportable level.
- C Co-eluting isomer.
- J Estimated Result.
- Q Estimated maximum possible concentration (EMPC).

TestAmerica Canton
Sample ID: SWTP-MH3-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 002	Work Order #....:	M10PA1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	10
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	940 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 1 (BZ)	32	Q J	430	1.2
PCB 2 (BZ)	6.9	Q J	430	1.3
PCB 3 (BZ)	17	Q B J	430	1.5
PCB 4 (BZ)	45	Q B J	640	11
PCB 5 (BZ)	7.8	Q J	430	8.8
PCB 6 (BZ)	20	Q J	430	8.3
PCB 7 (BZ)	ND		430	8.5
PCB 8 (BZ)	71	Q B J	640	8.1
PCB 9 (BZ)	7.6	Q J	430	8.5
PCB 10 (BZ)	ND		430	9.2
PCB 11 (BZ)	360	B J	640	8.1
PCB 12 (BZ)	ND		640	8.3
PCB 13 (BZ)	ND		640	8.3
PCB 14 (BZ)	ND		430	7.2
PCB 15 (BZ)	45	Q B J	430	8.5
PCB 16 (BZ)	26	Q J	430	7.1
PCB 17 (BZ)	33	J	430	5.9
PCB 18 (BZ)	85	B C J	640	5.2
PCB 19 (BZ)	ND		430	7.2
PCB 20 (BZ)	110	B C J	430	3.9
PCB 21 (BZ)	35	Q B C J	430	3.9
PCB 22 (BZ)	29	J	430	3.9
PCB 23 (BZ)	ND		430	4.0
PCB 24 (BZ)	ND		430	5.0
PCB 25 (BZ)	15	J	430	3.6
PCB 26 (BZ)	13	Q C J	430	3.8
PCB 27 (BZ)	ND		430	4.3
PCB 28 (BZ)	110	B C20 J	430	3.9
PCB 29 (BZ)	13	Q C26 J	430	3.8
PCB 30 (BZ)	85	B C18 J	640	5.2
PCB 31 (BZ)	97	B J	430	3.8
PCB 32 (BZ)	34	J	430	4.2
PCB 33 (BZ)	35	Q B C21 J	430	3.9
PCB 34 (BZ)	ND		430	3.9
PCB 35 (BZ)	15	J	430	4.1
PCB 36 (BZ)	12	Q J	430	3.9

TestAmerica Canton
Sample ID: SWTP-MH3-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 002	Work Order #....:	M10PA1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	10
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	940 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 37 (BZ)	28	J	430	4.0	pg/L
PCB 38 (BZ)	ND		430	4.1	pg/L
PCB 39 (BZ)	ND		430	3.7	pg/L
PCB 40 (BZ)	210	C J	430	7.6	pg/L
PCB 41 (BZ)	210	C40 J	430	7.6	pg/L
PCB 42 (BZ)	130	J	430	7.7	pg/L
PCB 43 (BZ)	22	Q C J	430	7.1	pg/L
PCB 44 (BZ)	1000	B C	430	6.8	pg/L
PCB 45 (BZ)	38	Q C J	430	7.9	pg/L
PCB 46 (BZ)	15	Q J	430	9.3	pg/L
PCB 47 (BZ)	1000	B C44	430	6.8	pg/L
PCB 48 (BZ)	37	J	430	7.5	pg/L
PCB 49 (BZ)	640	B C	430	6.2	pg/L
PCB 50 (BZ)	87	C J	430	7.3	pg/L
PCB 51 (BZ)	38	Q C45 J	430	7.9	pg/L
PCB 52 (BZ)	3000		430	7.3	pg/L
PCB 53 (BZ)	87	C50 J	430	7.3	pg/L
PCB 54 (BZ)	ND		430	9.5	pg/L
PCB 55 (BZ)	12	Q J	430	5.9	pg/L
PCB 56 (BZ)	180	J	430	5.5	pg/L
PCB 57 (BZ)	ND		430	5.6	pg/L
PCB 58 (BZ)	ND		430	5.6	pg/L
PCB 59 (BZ)	31	Q C J	430	5.4	pg/L
PCB 60 (BZ)	49	J	430	5.7	pg/L
PCB 61 (BZ)	1300	B C	430	5.4	pg/L
PCB 62 (BZ)	31	Q C59 J	430	5.4	pg/L
PCB 63 (BZ)	18	J	430	5.2	pg/L
PCB 64 (BZ)	280	J	430	5.1	pg/L
PCB 65 (BZ)	1000	B C44	430	6.8	pg/L
PCB 66 (BZ)	640		430	5.4	pg/L
PCB 67 (BZ)	ND		430	5.0	pg/L
PCB 68 (BZ)	ND		430	5.1	pg/L
PCB 69 (BZ)	640	B C49	430	6.2	pg/L
PCB 70 (BZ)	1300	B C61	430	5.4	pg/L
PCB 71 (BZ)	210	C40 J	430	7.6	pg/L
PCB 72 (BZ)	18	J	430	5.4	pg/L

TestAmerica Canton
Sample ID: SWTP-MH3-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 002	Work Order #....:	M10PA1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	10
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	940 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 73 (BZ)	22	Q C43 J	430	7.1 pg/L
PCB 74 (BZ)	1300	B C61	430	5.4 pg/L
PCB 75 (BZ)	31	Q C59 J	430	5.4 pg/L
PCB 76 (BZ)	1300	B C61	430	5.4 pg/L
PCB 77 (BZ)	22	Q J	430	5.4 pg/L
PCB 78 (BZ)	ND		430	5.8 pg/L
PCB 79 (BZ)	49	Q J	430	5.1 pg/L
PCB 80 (BZ)	ND		430	4.9 pg/L
PCB 81 (BZ)	ND		430	5.1 pg/L
PCB 82 (BZ)	820		430	12 pg/L
PCB 83 (BZ)	3300	C	430	10 pg/L
PCB 84 (BZ)	2000		430	12 pg/L
PCB 85 (BZ)	960	C	430	8.5 pg/L
PCB 86 (BZ)	4200	B C	430	8.7 pg/L
PCB 87 (BZ)	4200	B C86	430	8.7 pg/L
PCB 88 (BZ)	820	C	430	10 pg/L
PCB 89 (BZ)	40	Q J	430	11 pg/L
PCB 90 (BZ)	7000	C	430	8.9 pg/L
PCB 91 (BZ)	820	C88	430	10 pg/L
PCB 92 (BZ)	1200		430	10 pg/L
PCB 93 (BZ)	25	C J	430	10 pg/L
PCB 94 (BZ)	ND		430	11 pg/L
PCB 95 (BZ)	6300		430	11 pg/L
PCB 96 (BZ)	36	J	430	8.5 pg/L
PCB 97 (BZ)	4200	B C86	430	8.7 pg/L
PCB 98 (BZ)	180	C J	430	9.8 pg/L
PCB 99 (BZ)	3300	C83	430	10 pg/L
PCB 100 (BZ)	25	C93 J	430	10 pg/L
PCB 101 (BZ)	7000	C90	430	8.9 pg/L
PCB 102 (BZ)	180	C98 J	430	9.8 pg/L
PCB 103 (BZ)	37	J	430	10 pg/L
PCB 104 (BZ)	ND		430	7.6 pg/L
Monochlorobiphenyl (total)	56	Q J B	430	4.1 pg/L
PCB 105 (BZ)	1600		430	6.8 pg/L
Dichlorobiphenyl (total)	560	Q B J	640	95 pg/L
Trichlorobiphenyl (total)	530	B J Q	640	89 pg/L

TestAmerica Canton
Sample ID: SWTP-MH3-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 002	Work Order #....:	M10PA1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	10
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	940 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Dayidson				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 106 (BZ)	ND		430	7.4	pg/L
Tetrachlorobiphenyl (total)	7900	Q B	430	180	pg/L
Pentachlorobiphenyl (total)	42000	Q B	430	270	pg/L
PCB 107 (BZ)/109 (IUPAC)	330	J	430	7.1	pg/L
Hexachlorobiphenyl (total)	42000	Q B	430	430	pg/L
Heptachlorobiphenyl (total)	25000		430	220	pg/L
PCB 108 (BZ)/107 (IUPAC)	220	C J	430	7.5	pg/L
Octachlorobiphenyl (total)	9100		430	120	pg/L
Nonachlorobiphenyl (total)	1000	Q	430	20	pg/L
PCB 109 (BZ)/108 (IUPAC)	4200	B C86	430	8.7	pg/L
PCB 110 (BZ)	8400	C	430	7.5	pg/L
PCB 111 (BZ)	ND		430	7.1	pg/L
PCB 112 (BZ)	ND		430	7.8	pg/L
PCB 113 (BZ)	7000	C90	430	8.9	pg/L
PCB 114 (BZ)	72	Q J	430	6.7	pg/L
PCB 115 (BZ)	8400	C110	430	7.5	pg/L
PCB 116 (BZ)	960	C85	430	8.5	pg/L
PCB 117 (BZ)	960	C85	430	8.5	pg/L
PCB 118 (BZ)	4800		430	7.0	pg/L
PCB 119 (BZ)	4200	B C86	430	8.7	pg/L
PCB 120 (BZ)	ND		430	7.3	pg/L
PCB 121 (BZ)	ND		430	7.4	pg/L
PCB 122 (BZ)	74	J	430	8.0	pg/L
PCB 123 (BZ)	78	J	430	7.5	pg/L
PCB 124 (BZ)	220	C108 J	430	7.5	pg/L
PCB 125 (BZ)	4200	B C86	430	8.7	pg/L
PCB 126 (BZ)	ND		430	7.4	pg/L
PCB 127 (BZ)	13	Q J	430	7.3	pg/L
PCB 128 (BZ)	1500	C	430	13	pg/L
PCB 129 (BZ)	10000	C	430	14	pg/L
PCB 130 (BZ)	600		430	18	pg/L
PCB 131 (BZ)	150	J	430	18	pg/L
PCB 132 (BZ)	3200		430	18	pg/L
PCB 133 (BZ)	110	Q J	430	17	pg/L
PCB 134 (BZ)	540	C	430	18	pg/L
PCB 135 (BZ)	2700	C	430	14	pg/L

TestAmerica Canton
Sample ID: SWTP-MH3-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 002	Work Order #....:	M10PA1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	10
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	940 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 136 (BZ)	1100		430	11	pg/L
PCB 137 (BZ)	420	J	430	15	pg/L
PCB 138 (BZ)	10000	C129	430	14	pg/L
PCB 139 (BZ)	150	C J	430	15	pg/L
PCB 140 (BZ)	150	C139 J	430	15	pg/L
PCB 141 (BZ)	1900		430	16	pg/L
PCB 142 (BZ)	ND		430	18	pg/L
PCB 143 (BZ)	540	C134	430	18	pg/L
PCB 144 (BZ)	410	J	430	13	pg/L
PCB 145 (BZ)	ND		430	10	pg/L
PCB 146 (BZ)	1200		430	15	pg/L
PCB 147 (BZ)	6700	B C	430	15	pg/L
PCB 148 (BZ)	ND		430	14	pg/L
PCB 149 (BZ)	6700	B C147	430	15	pg/L
PCB 150 (BZ)	ND		430	9.8	pg/L
PCB 151 (BZ)	2700	C135	430	14	pg/L
PCB 152 (BZ)	ND		430	10	pg/L
PCB 153 (BZ)	8000	B C	430	12	pg/L
PCB 154 (BZ)	85	Q J	430	12	pg/L
PCB 155 (BZ)	ND		430	9.5	pg/L
PCB 156 (BZ)	1000	C	430	15	pg/L
PCB 157 (BZ)	1000	C156	430	15	pg/L
PCB 158 (BZ)	1000		430	11	pg/L
PCB 159 (BZ)	83	Q J	430	12	pg/L
PCB 160 (BZ)	10000	C129	430	14	pg/L
PCB 161 (BZ)	ND		430	12	pg/L
PCB 162 (BZ)	29	J	430	12	pg/L
PCB 163 (BZ)	10000	C129	430	14	pg/L
PCB 164 (BZ)	670		430	12	pg/L
PCB 165 (BZ)	ND		430	13	pg/L
PCB 166 (BZ)	1500	C128	430	13	pg/L
PCB 167 (BZ)	390	J	430	9.1	pg/L
PCB 168 (BZ)	8000	B C153	430	12	pg/L
PCB 169 (BZ)	ND		430	8.3	pg/L
PCB 170 (BZ)	3200		430	13	pg/L
PCB 171 (BZ)	970	C	430	13	pg/L

TestAmerica Canton
Sample ID: SWTP-MH3-3Q13
 Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 002	Work Order #....:	M10PA1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	10
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	940 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 172 (BZ)	500		430	13	pg/L
PCB 173 (BZ)	970	C171	430	13	pg/L
PCB 174 (BZ)	2700		430	12	pg/L
PCB 175 (BZ)	110	J	430	11	pg/L
PCB 176 (BZ)	330	J	430	8.7	pg/L
PCB 177 (BZ)	1500		430	12	pg/L
PCB 178 (BZ)	530		430	12	pg/L
PCB 179 (BZ)	1100		430	9.2	pg/L
PCB 180 (BZ)	7200	C	430	9.7	pg/L
PCB 181 (BZ)	ND		430	11	pg/L
PCB 182 (BZ)	ND		430	11	pg/L
PCB 183 (BZ)	2300	C	430	11	pg/L
PCB 184 (BZ)	ND		430	9.5	pg/L
PCB 185 (BZ)	2300	C183	430	11	pg/L
PCB 186 (BZ)	ND		430	9.2	pg/L
PCB 187 (BZ)	3400		430	11	pg/L
PCB 188 (BZ)	ND		430	8.4	pg/L
PCB 189 (BZ)	140	J	430	8.1	pg/L
PCB 190 (BZ)	590		430	8.9	pg/L
PCB 191 (BZ)	140	J	430	8.7	pg/L
PCB 192 (BZ)	ND		430	9.7	pg/L
PCB 193 (BZ)	7200	C180	430	9.7	pg/L
PCB 194 (BZ)	2300		430	13	pg/L
PCB 195 (BZ)	890		430	15	pg/L
PCB 196 (BZ)	1100		430	12	pg/L
PCB 197 (BZ)	78	J	430	9.3	pg/L
PCB 198 (BZ)	2100	C	430	13	pg/L
PCB 201 (BZ)/199 (IUPAC)	2100	C198	430	13	pg/L
PCB 199 (BZ)/200 (IUPAC)	270	J	430	9.1	pg/L
PCB 200 (BZ)/201 (IUPAC)	300	J	430	8.8	pg/L
PCB 202 (BZ)	440		430	9.9	pg/L
PCB 203 (BZ)	1500		430	11	pg/L
PCB 204 (BZ)	ND		430	9.6	pg/L
PCB 205 (BZ)	130	J	430	11	pg/L
PCB 206 (BZ)	770		430	8.0	pg/L
PCB 207 (BZ)	90	J	430	6.0	pg/L

TestAmerica Canton
Sample ID: SWTP-MH3-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 002	Work Order #....:	M10PA1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	10
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	940 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 208 (BZ)	170	Q J	6.5	pg/L
PCB 209 (BZ)	64	B J	5.2	pg/L

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 1	72	30 - 140
13C12-PCB 3	69	30 - 140
13C12-PCB 4	82	30 - 140
13C12-PCB 15	83	30 - 140
13C12-PCB 19	85	30 - 140
13C12-PCB 37	84	30 - 140
13C12-PCB 54	75	30 - 140
13C12-PCB 77	90	30 - 140
13C12-PCB 81	88	30 - 140
13C12-PCB 104	83	30 - 140
13C12-PCB 105	82	30 - 140
13C12-PCB 114	82	30 - 140
13C12-PCB 118	80	30 - 140
13C12-PCB 123	78	30 - 140
13C12-PCB 126	80	30 - 140
13C12-PCB 155	96	30 - 140
13C12-PCB 156	87	C 30 - 140
13C12-PCB 157	87	C 30 - 140
13C12-PCB 167	89	30 - 140
13C12-PCB 169	90	30 - 140
13C12-PCB 170	89	30 - 140
13C12-PCB 188	94	30 - 140
13C12-PCB 189	94	30 - 140
13C12-PCB 202	103	30 - 140
13C12-PCB 205	79	30 - 140
13C12-PCB 206	102	30 - 140
13C12-PCB 208	93	30 - 140
13C12-PCB 209	93	30 - 140

TestAmerica Canton
Sample ID: SWTP-MH3-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 002	Work Order #....:	M10PA1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	10
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	940 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 28	92	40 - 125
13C12-PCB 111	99	40 - 125
13C12-PCB 178	97	40 - 125

QUALIFIERS

- B Method blank contamination. The associated method blank contains the target analyte at a reportable level.
- C Co-eluting isomer.
- J Estimated Result.
- Q Estimated maximum possible concentration (EMPC).

TestAmerica Canton
Sample ID: SWTP-MH2-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 003	Work Order #....:	M10PC1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	977 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 1 (BZ)	2.8	J	41	0.19	pg/L
PCB 2 (BZ)	2.5	J	41	0.22	pg/L
PCB 3 (BZ)	2.8	B J	41	0.24	pg/L
PCB 4 (BZ)	11	Q B J	61	1.2	pg/L
PCB 5 (BZ)	ND		41	0.94	pg/L
PCB 6 (BZ)	3.3	Q J	41	0.88	pg/L
PCB 7 (BZ)	ND		41	0.90	pg/L
PCB 8 (BZ)	7.8	Q B J	61	0.86	pg/L
PCB 9 (BZ)	ND		41	0.91	pg/L
PCB 10 (BZ)	3.4	Q J	41	0.98	pg/L
PCB 11 (BZ)	24	B J	61	0.87	pg/L
PCB 12 (BZ)	3.1	Q C J	61	0.89	pg/L
PCB 13 (BZ)	3.1	Q C12 J	61	0.89	pg/L
PCB 14 (BZ)	ND		41	0.77	pg/L
PCB 15 (BZ)	10	Q B J	41	0.90	pg/L
PCB 16 (BZ)	5.2	J	41	1.1	pg/L
PCB 17 (BZ)	3.6	Q J	41	0.93	pg/L
PCB 18 (BZ)	13	B C J	61	0.82	pg/L
PCB 19 (BZ)	5.9	Q J	41	1.1	pg/L
PCB 20 (BZ)	14	B C J	41	0.53	pg/L
PCB 21 (BZ)	5.8	B C J	41	0.53	pg/L
PCB 22 (BZ)	3.6	Q J	41	0.54	pg/L
PCB 23 (BZ)	ND		41	0.55	pg/L
PCB 24 (BZ)	ND		41	0.78	pg/L
PCB 25 (BZ)	1.7	Q J	41	0.49	pg/L
PCB 26 (BZ)	2.5	Q C J	41	0.52	pg/L
PCB 27 (BZ)	ND		41	0.67	pg/L
PCB 28 (BZ)	14	B C20 J	41	0.53	pg/L
PCB 29 (BZ)	2.5	Q C26 J	41	0.52	pg/L
PCB 30 (BZ)	13	B C18 J	61	0.82	pg/L
PCB 31 (BZ)	11	B J	41	0.52	pg/L
PCB 32 (BZ)	8.5	J	41	0.66	pg/L
PCB 33 (BZ)	5.8	B C21 J	41	0.53	pg/L
PCB 34 (BZ)	ND		41	0.54	pg/L
PCB 35 (BZ)	1.6	J	41	0.55	pg/L
PCB 36 (BZ)	ND		41	0.54	pg/L

TestAmerica Canton
Sample ID: SWTP-MH2-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 003	Work Order #....:	M10PC1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	977 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 37 (BZ)	3.4	Q J	41	0.55
PCB 38 (BZ)	ND		41	0.57
PCB 39 (BZ)	ND		41	0.50
PCB 40 (BZ)	16	C J	41	1.0
PCB 41 (BZ)	16	C40 J	41	1.0
PCB 42 (BZ)	6.5	Q J	41	1.0
PCB 43 (BZ)	ND		41	0.94
PCB 44 (BZ)	57	B C	41	0.90
PCB 45 (BZ)	6.7	Q C J	41	1.0
PCB 46 (BZ)	2.6	J	41	1.2
PCB 47 (BZ)	57	B C44	41	0.90
PCB 48 (BZ)	2.7	Q J	41	1.0
PCB 49 (BZ)	33	B C J	41	0.83
PCB 50 (BZ)	11	Q C J	41	0.97
PCB 51 (BZ)	6.7	Q C45 J	41	1.0
PCB 52 (BZ)	190		41	0.97
PCB 53 (BZ)	11	Q C50 J	41	0.97
PCB 54 (BZ)	ND		41	1.3
PCB 55 (BZ)	ND		41	0.78
PCB 56 (BZ)	13	J	41	0.74
PCB 57 (BZ)	ND		41	0.75
PCB 58 (BZ)	29	J	41	0.74
PCB 59 (BZ)	3.3	Q C J	41	0.72
PCB 60 (BZ)	3.7	Q J	41	0.76
PCB 61 (BZ)	75	B C	41	0.72
PCB 62 (BZ)	3.3	Q C59 J	41	0.72
PCB 63 (BZ)	ND		41	0.69
PCB 64 (BZ)	20	J	41	0.68
PCB 65 (BZ)	57	B C44	41	0.90
PCB 66 (BZ)	33	J	41	0.71
PCB 67 (BZ)	ND		41	0.67
PCB 68 (BZ)	ND		41	0.68
PCB 69 (BZ)	33	B C49 J	41	0.83
PCB 70 (BZ)	75	B C61	41	0.72
PCB 71 (BZ)	16	C40 J	41	1.0
PCB 72 (BZ)	ND		41	0.73

TestAmerica Canton
Sample ID: SWTP-MH2-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 003	Work Order #....:	M10PC1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	977 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 73 (BZ)	ND	41	0.94	pg/L
PCB 74 (BZ)	75	B C61	0.72	pg/L
PCB 75 (BZ)	3.3	Q C59 J	0.72	pg/L
PCB 76 (BZ)	75	B C61	0.72	pg/L
PCB 77 (BZ)	3.7	Q J	0.69	pg/L
PCB 78 (BZ)	ND	41	0.77	pg/L
PCB 79 (BZ)	1.3	Q J	0.68	pg/L
PCB 80 (BZ)	ND	41	0.66	pg/L
PCB 81 (BZ)	ND	41	0.70	pg/L
PCB 82 (BZ)	38	J	1.6	pg/L
PCB 83 (BZ)	170	C	1.4	pg/L
PCB 84 (BZ)	150		1.6	pg/L
PCB 85 (BZ)	48	C	1.1	pg/L
PCB 86 (BZ)	280	B C	1.2	pg/L
PCB 87 (BZ)	280	B C86	1.2	pg/L
PCB 88 (BZ)	59	C	1.4	pg/L
PCB 89 (BZ)	3.1	Q J	1.5	pg/L
PCB 90 (BZ)	520	C	1.2	pg/L
PCB 91 (BZ)	59	C88	1.4	pg/L
PCB 92 (BZ)	100		1.3	pg/L
PCB 93 (BZ)	1.5	Q C J	1.3	pg/L
PCB 94 (BZ)	ND	41	1.5	pg/L
PCB 95 (BZ)	980		1.4	pg/L
PCB 96 (BZ)	1.8	Q J	1.1	pg/L
PCB 97 (BZ)	280	B C86	1.2	pg/L
PCB 98 (BZ)	12	C J	1.3	pg/L
PCB 99 (BZ)	170	C83	1.4	pg/L
PCB 100 (BZ)	1.5	Q C93 J	1.3	pg/L
PCB 101 (BZ)	520	C90	1.2	pg/L
PCB 102 (BZ)	12	C98 J	1.3	pg/L
PCB 103 (BZ)	6.5	J	1.3	pg/L
PCB 104 (BZ)	ND	41	1.0	pg/L
Monochlorobiphenyl (total)	8.1	J B	0.65	pg/L
PCB 105 (BZ)	74		0.88	pg/L
Dichlorobiphenyl (total)	63	Q B J	10	pg/L
Trichlorobiphenyl (total)	79	Q J B	13	pg/L

TestAmerica Canton
Sample ID: SWTP-MH2-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 003	Work Order #....:	M10PC1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	977 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 106 (BZ)	ND		41	0.95	pg/L
Tetrachlorobiphenyl (total)	510	Q B	41	24	pg/L
Pentachlorobiphenyl (total)	3200	Q B	41	35	pg/L
PCB 107 (BZ)/109 (IUPAC)	15	J	41	0.92	pg/L
Hexachlorobiphenyl (total)	6200	Q B	41	63	pg/L
Heptachlorobiphenyl (total)	3100	S	41	31	pg/L
PCB 108 (BZ)/107 (IUPAC)	12	C J	41	0.97	pg/L
Octachlorobiphenyl (total)	850	Q S	41	15	pg/L
Nonachlorobiphenyl (total)	110	Q	41	2.9	pg/L
PCB 109 (BZ)/108 (IUPAC)	280	B C86	41	1.2	pg/L
PCB 110 (BZ)	570	C	41	0.99	pg/L
PCB 111 (BZ)	ND		41	0.94	pg/L
PCB 112 (BZ)	ND		41	1.0	pg/L
PCB 113 (BZ)	520	C90	41	1.2	pg/L
PCB 114 (BZ)	4.2	Q J	41	0.86	pg/L
PCB 115 (BZ)	570	C110	41	0.99	pg/L
PCB 116 (BZ)	48	C85	41	1.1	pg/L
PCB 117 (BZ)	48	C85	41	1.1	pg/L
PCB 118 (BZ)	190		41	0.85	pg/L
PCB 119 (BZ)	280	B C86	41	1.2	pg/L
PCB 120 (BZ)	ND		41	0.97	pg/L
PCB 121 (BZ)	ND		41	0.98	pg/L
PCB 122 (BZ)	3.4	J	41	1.0	pg/L
PCB 123 (BZ)	4.3	J	41	0.96	pg/L
PCB 124 (BZ)	12	C108 J	41	0.97	pg/L
PCB 125 (BZ)	280	B C86	41	1.2	pg/L
PCB 126 (BZ)	1.2	Q J	41	1.0	pg/L
PCB 127 (BZ)	ND		41	0.94	pg/L
PCB 128 (BZ)	140	C	41	2.0	pg/L
PCB 129 (BZ)	1200	C	41	2.1	pg/L
PCB 130 (BZ)	59		41	2.7	pg/L
PCB 131 (BZ)	16	J	41	2.8	pg/L
PCB 132 (BZ)	460		41	2.6	pg/L
PCB 133 (BZ)	20	J	41	2.5	pg/L
PCB 134 (BZ)	83	C	41	2.7	pg/L
PCB 135 (BZ)	630	C	41	1.9	pg/L

TestAmerica Canton
 Sample ID: SWTP-MH2-3Q13
 Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 003	Work Order #....:	M10PC1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	977 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 136 (BZ)	240	41	1.4	pg/L
PCB 137 (BZ)	31	J	41	pg/L
PCB 138 (BZ)	1200	C129	41	pg/L
PCB 139 (BZ)	16	C J	41	pg/L
PCB 140 (BZ)	16	C139 J	41	pg/L
PCB 141 (BZ)	290		41	pg/L
PCB 142 (BZ)	ND		41	pg/L
PCB 143 (BZ)	83	C134	41	pg/L
PCB 144 (BZ)	79		41	pg/L
PCB 145 (BZ)	ND		41	pg/L
PCB 146 (BZ)	180		41	pg/L
PCB 147 (BZ)	1400	B C	41	pg/L
PCB 148 (BZ)	ND		41	pg/L
PCB 149 (BZ)	1400	B C147	41	pg/L
PCB 150 (BZ)	ND		41	pg/L
PCB 151 (BZ)	630	C135	41	pg/L
PCB 152 (BZ)	ND		41	pg/L
PCB 153 (BZ)	1100	B C	41	pg/L
PCB 154 (BZ)	3.8	Q J	41	pg/L
PCB 155 (BZ)	ND		41	pg/L
PCB 156 (BZ)	52	C	41	pg/L
PCB 157 (BZ)	52	C156	41	pg/L
PCB 158 (BZ)	100		41	pg/L
PCB 159 (BZ)	18	J	41	pg/L
PCB 160 (BZ)	1200	C129	41	pg/L
PCB 161 (BZ)	ND		41	pg/L
PCB 162 (BZ)	ND		41	pg/L
PCB 163 (BZ)	1200	C129	41	pg/L
PCB 164 (BZ)	99		41	pg/L
PCB 165 (BZ)	ND		41	pg/L
PCB 166 (BZ)	140	C128	41	pg/L
PCB 167 (BZ)	27	J	41	pg/L
PCB 168 (BZ)	1100	B C153	41	pg/L
PCB 169 (BZ)	ND		41	pg/L
PCB 170 (BZ)	320		41	pg/L
PCB 171 (BZ)	99	C	41	pg/L

TestAmerica Canton
Sample ID: SWTP-MH2-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 003	Work Order #....:	M10PC1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	977 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 172 (BZ)	60	41	1.8	pg/L
PCB 173 (BZ)	99	C171	1.8	pg/L
PCB 174 (BZ)	410		1.7	pg/L
PCB 175 (BZ)	12	S J	1.6	pg/L
PCB 176 (BZ)	53		1.2	pg/L
PCB 177 (BZ)	200		1.7	pg/L
PCB 178 (BZ)	88		1.7	pg/L
PCB 179 (BZ)	160	S	1.3	pg/L
PCB 180 (BZ)	800	C	1.4	pg/L
PCB 181 (BZ)	ND		1.6	pg/L
PCB 182 (BZ)	ND		1.6	pg/L
PCB 183 (BZ)	290	C	1.6	pg/L
PCB 184 (BZ)	ND		1.3	pg/L
PCB 185 (BZ)	290	C183	1.6	pg/L
PCB 186 (BZ)	ND		1.3	pg/L
PCB 187 (BZ)	530		1.5	pg/L
PCB 188 (BZ)	ND		1.2	pg/L
PCB 189 (BZ)	11	J	1.1	pg/L
PCB 190 (BZ)	54	S	1.2	pg/L
PCB 191 (BZ)	15	J	1.2	pg/L
PCB 192 (BZ)	ND		1.4	pg/L
PCB 193 (BZ)	800	C180	1.4	pg/L
PCB 194 (BZ)	210		1.5	pg/L
PCB 195 (BZ)	94		1.7	pg/L
PCB 196 (BZ)	110		1.5	pg/L
PCB 197 (BZ)	7.5	J	1.1	pg/L
PCB 198 (BZ)	150	Q S C	1.6	pg/L
PCB 201 (BZ)/199 (IUPAC)	150	Q S C198	1.6	pg/L
PCB 199 (BZ)/200 (IUPAC)	34	J	1.1	pg/L
PCB 200 (BZ)/201 (IUPAC)	27	J	1.1	pg/L
PCB 202 (BZ)	49		1.2	pg/L
PCB 203 (BZ)	160		1.4	pg/L
PCB 204 (BZ)	ND		1.2	pg/L
PCB 205 (BZ)	12	Q J	1.3	pg/L
PCB 206 (BZ)	79		1.2	pg/L
PCB 207 (BZ)	9.5	Q J	0.84	pg/L

TestAmerica Canton
Sample ID: SWTP-MH2-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 003	Work Order #....:	M1OPC1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	977 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 208 (BZ)	19	J	0.87	pg/L
PCB 209 (BZ)	11	Q B J	1.5	pg/L

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 1	65	30 - 140
13C12-PCB 3	66	30 - 140
13C12-PCB 4	79	30 - 140
13C12-PCB 15	84	30 - 140
13C12-PCB 19	82	30 - 140
13C12-PCB 37	88	30 - 140
13C12-PCB 54	74	30 - 140
13C12-PCB 77	88	30 - 140
13C12-PCB 81	86	30 - 140
13C12-PCB 104	85	30 - 140
13C12-PCB 105	85	30 - 140
13C12-PCB 114	86	30 - 140
13C12-PCB 118	84	30 - 140
13C12-PCB 123	83	30 - 140
13C12-PCB 126	72	30 - 140
13C12-PCB 155	96	30 - 140
13C12-PCB 156	85	C 30 - 140
13C12-PCB 157	85	C 30 - 140
13C12-PCB 167	88	30 - 140
13C12-PCB 169	62	30 - 140
13C12-PCB 170	94	30 - 140
13C12-PCB 188	96	30 - 140
13C12-PCB 189	105	30 - 140
13C12-PCB 202	103	30 - 140
13C12-PCB 205	82	30 - 140
13C12-PCB 206	103	30 - 140
13C12-PCB 208	101	30 - 140
13C12-PCB 209	91	30 - 140

TestAmerica Canton
Sample ID: SWTP-MH2-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 003	Work Order #....:	M10PC1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	977 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 28	92	40 - 125
13C12-PCB 111	97	40 - 125
13C12-PCB 178	97	40 - 125

QUALIFIERS

- B Method blank contamination. The associated method blank contains the target analyte at a reportable level.
- C Co-eluting isomer.
- J Estimated Result.
- Q Estimated maximum possible concentration (EMPC).
- S Ion suppression.

TestAmerica Canton
Sample ID: SWTP-EFF-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 004	Work Order #....:	M10PD1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	935 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 1 (BZ)	4.0	Q J	43	0.28	pg/L
PCB 2 (BZ)	2.4	Q J	43	0.33	pg/L
PCB 3 (BZ)	ND		43	0.40	pg/L
PCB 4 (BZ)	18	Q B J	64	2.2	pg/L
PCB 5 (BZ)	ND		43	1.7	pg/L
PCB 6 (BZ)	2.2	Q J	43	1.6	pg/L
PCB 7 (BZ)	ND		43	1.7	pg/L
PCB 8 (BZ)	8.8	Q B J	64	1.6	pg/L
PCB 9 (BZ)	ND		43	1.7	pg/L
PCB 10 (BZ)	2.2	Q J	43	1.8	pg/L
PCB 11 (BZ)	14	Q B J	64	1.6	pg/L
PCB 12 (BZ)	3.3	Q C J	64	1.6	pg/L
PCB 13 (BZ)	3.3	Q C12 J	64	1.6	pg/L
PCB 14 (BZ)	ND		43	1.4	pg/L
PCB 15 (BZ)	4.9	Q B J	43	1.7	pg/L
PCB 16 (BZ)	ND		43	1.6	pg/L
PCB 17 (BZ)	ND		43	1.3	pg/L
PCB 18 (BZ)	9.4	B C J	64	1.2	pg/L
PCB 19 (BZ)	6.5	Q J	43	1.6	pg/L
PCB 20 (BZ)	5.4	Q B C J	43	0.90	pg/L
PCB 21 (BZ)	4.1	B C J	43	0.90	pg/L
PCB 22 (BZ)	2.1	J	43	0.92	pg/L
PCB 23 (BZ)	ND		43	0.93	pg/L
PCB 24 (BZ)	ND		43	1.1	pg/L
PCB 25 (BZ)	ND		43	0.83	pg/L
PCB 26 (BZ)	1.9	Q C J	43	0.88	pg/L
PCB 27 (BZ)	ND		43	0.97	pg/L
PCB 28 (BZ)	5.4	Q B C20 J	43	0.90	pg/L
PCB 29 (BZ)	1.9	Q C26 J	43	0.88	pg/L
PCB 30 (BZ)	9.4	B C18 J	64	1.2	pg/L
PCB 31 (BZ)	5.8	B J	43	0.88	pg/L
PCB 32 (BZ)	3.9	J	43	0.95	pg/L
PCB 33 (BZ)	4.1	B C21 J	43	0.90	pg/L
PCB 34 (BZ)	ND		43	0.92	pg/L
PCB 35 (BZ)	ND		43	0.95	pg/L
PCB 36 (BZ)	ND		43	0.91	pg/L

TestAmerica Canton
Sample ID: SWTP-EFF-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 004	Work Order #....:	M10PD1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	935 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS	
PCB 37 (BZ)	ND	43	0.94	pg/L	
PCB 38 (BZ)	ND	43	0.96	pg/L	
PCB 39 (BZ)	ND	43	0.86	pg/L	
PCB 40 (BZ)	ND	43	1.5	pg/L	
PCB 41 (BZ)	ND	43	1.5	pg/L	
PCB 42 (BZ)	ND	43	1.5	pg/L	
PCB 43 (BZ)	ND	43	1.4	pg/L	
PCB 44 (BZ)	7.6	B C J	43	1.3	pg/L
PCB 45 (BZ)	2.7	Q C J	43	1.5	pg/L
PCB 46 (BZ)	ND	43	1.8	pg/L	
PCB 47 (BZ)	7.6	B C44 J	43	1.3	pg/L
PCB 48 (BZ)	ND	43	1.5	pg/L	
PCB 49 (BZ)	3.0	Q B C J	43	1.2	pg/L
PCB 50 (BZ)	4.7	C J	43	1.4	pg/L
PCB 51 (BZ)	2.7	Q C45 J	43	1.5	pg/L
PCB 52 (BZ)	19	J	43	1.4	pg/L
PCB 53 (BZ)	4.7	C50 J	43	1.4	pg/L
PCB 54 (BZ)	ND	43	1.6	pg/L	
PCB 55 (BZ)	ND	43	1.2	pg/L	
PCB 56 (BZ)	ND	43	1.1	pg/L	
PCB 57 (BZ)	ND	43	1.1	pg/L	
PCB 58 (BZ)	ND	43	1.1	pg/L	
PCB 59 (BZ)	ND	43	1.1	pg/L	
PCB 60 (BZ)	ND	43	1.1	pg/L	
PCB 61 (BZ)	6.4	Q B C J	43	1.1	pg/L
PCB 62 (BZ)	ND	43	1.1	pg/L	
PCB 63 (BZ)	ND	43	1.0	pg/L	
PCB 64 (BZ)	2.7	Q J	43	1.0	pg/L
PCB 65 (BZ)	7.6	B C44 J	43	1.3	pg/L
PCB 66 (BZ)	ND	43	1.1	pg/L	
PCB 67 (BZ)	ND	43	0.99	pg/L	
PCB 68 (BZ)	ND	43	1.0	pg/L	
PCB 69 (BZ)	3.0	Q B C49 J	43	1.2	pg/L
PCB 70 (BZ)	6.4	Q B C61 J	43	1.1	pg/L
PCB 71 (BZ)	ND	43	1.5	pg/L	
PCB 72 (BZ)	ND	43	1.1	pg/L	

TestAmerica Canton
Sample ID: SWTP-EFF-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 004	Work Order #....:	M10PD1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	935 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 73 (BZ)	ND	43	1.4	pg/L
PCB 74 (BZ)	6.4	Q B C61 J	1.1	pg/L
PCB 75 (BZ)	ND		1.1	pg/L
PCB 76 (BZ)	6.4	Q B C61 J	1.1	pg/L
PCB 77 (BZ)	ND		1.0	pg/L
PCB 78 (BZ)	ND		1.1	pg/L
PCB 79 (BZ)	ND		1.0	pg/L
PCB 80 (BZ)	ND		0.98	pg/L
PCB 81 (BZ)	ND		1.0	pg/L
PCB 82 (BZ)	ND		2.2	pg/L
PCB 83 (BZ)	12	Q C J	1.8	pg/L
PCB 84 (BZ)	17	J	2.1	pg/L
PCB 85 (BZ)	ND		1.5	pg/L
PCB 86 (BZ)	17	B C J	1.5	pg/L
PCB 87 (BZ)	17	B C86 J	1.5	pg/L
PCB 88 (BZ)	6.1	C J	1.8	pg/L
PCB 89 (BZ)	ND		2.0	pg/L
PCB 90 (BZ)	36	C J	1.6	pg/L
PCB 91 (BZ)	6.1	C88 J	1.8	pg/L
PCB 92 (BZ)	9.7	J	1.8	pg/L
PCB 93 (BZ)	ND		1.8	pg/L
PCB 94 (BZ)	ND		2.0	pg/L
PCB 95 (BZ)	92		1.9	pg/L
PCB 96 (BZ)	ND		1.5	pg/L
PCB 97 (BZ)	17	B C86 J	1.5	pg/L
PCB 98 (BZ)	ND		1.7	pg/L
PCB 99 (BZ)	12	Q C83 J	1.8	pg/L
PCB 100 (BZ)	ND		1.8	pg/L
PCB 101 (BZ)	36	C90 J	1.6	pg/L
PCB 102 (BZ)	ND		1.7	pg/L
PCB 103 (BZ)	ND		1.7	pg/L
PCB 104 (BZ)	ND		1.3	pg/L
Monochlorobiphenyl (total)	6.4	Q J	1.0	pg/L
PCB 105 (BZ)	5.6	Q J	1.2	pg/L
Dichlorobiphenyl (total)	53	Q B J	19	pg/L
Trichlorobiphenyl (total)	39	Q J B	21	pg/L

TestAmerica Canton
Sample ID: SWTP-EFF-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 004	Work Order #....:	M10PD1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	935 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 106 (BZ)	ND	43	1.2	pg/L
Tetrachlorobiphenyl (total)	46	J Q B	35	pg/L
Pentachlorobiphenyl (total)	290	Q B	47	pg/L
PCB 107 (BZ)/109 (IUPAC)	ND		1.2	pg/L
Hexachlorobiphenyl (total)	850	B Q	67	pg/L
Heptachlorobiphenyl (total)	660	Q	34	pg/L
PCB 108 (BZ)/107 (IUPAC)	ND		1.3	pg/L
Octachlorobiphenyl (total)	150	J Q	15	pg/L
Nonachlorobiphenyl (total)	6.3	Q J	4.1	pg/L
PCB 109 (BZ)/108 (IUPAC)	17	B C86 J	1.5	pg/L
PCB 110 (BZ)	83	C	1.3	pg/L
PCB 111 (BZ)	ND		1.2	pg/L
PCB 112 (BZ)	ND		1.4	pg/L
PCB 113 (BZ)	36	C90 J	1.6	pg/L
PCB 114 (BZ)	ND		1.1	pg/L
PCB 115 (BZ)	83	C110	1.3	pg/L
PCB 116 (BZ)	ND		1.5	pg/L
PCB 117 (BZ)	ND		1.5	pg/L
PCB 118 (BZ)	11	J	1.1	pg/L
PCB 119 (BZ)	17	B C86 J	1.5	pg/L
PCB 120 (BZ)	ND		1.3	pg/L
PCB 121 (BZ)	ND		1.3	pg/L
PCB 122 (BZ)	ND		1.3	pg/L
PCB 123 (BZ)	ND		1.2	pg/L
PCB 124 (BZ)	ND		1.3	pg/L
PCB 125 (BZ)	17	B C86 J	1.5	pg/L
PCB 126 (BZ)	ND		1.3	pg/L
PCB 127 (BZ)	ND		1.2	pg/L
PCB 128 (BZ)	22	C J	2.1	pg/L
PCB 129 (BZ)	170	C	2.2	pg/L
PCB 130 (BZ)	9.9	Q J	2.8	pg/L
PCB 131 (BZ)	ND		2.9	pg/L
PCB 132 (BZ)	69		2.7	pg/L
PCB 133 (BZ)	ND		2.6	pg/L
PCB 134 (BZ)	8.5	C J	2.8	pg/L
PCB 135 (BZ)	85	C	2.3	pg/L

TestAmerica Canton
Sample ID: SWTP-EFF-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 004	Work Order #....:	M10PD1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	935 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 136 (BZ)	33	J	43	1.7	pg/L
PCB 137 (BZ)	ND		43	2.4	pg/L
PCB 138 (BZ)	170	C129	43	2.2	pg/L
PCB 139 (BZ)	ND		43	2.4	pg/L
PCB 140 (BZ)	ND		43	2.4	pg/L
PCB 141 (BZ)	47		43	2.5	pg/L
PCB 142 (BZ)	ND		43	2.8	pg/L
PCB 143 (BZ)	8.5	C134 J	43	2.8	pg/L
PCB 144 (BZ)	12	J	43	2.1	pg/L
PCB 145 (BZ)	ND		43	1.6	pg/L
PCB 146 (BZ)	24	Q J	43	2.3	pg/L
PCB 147 (BZ)	170	B C	43	2.3	pg/L
PCB 148 (BZ)	ND		43	2.3	pg/L
PCB 149 (BZ)	170	B C147	43	2.3	pg/L
PCB 150 (BZ)	ND		43	1.6	pg/L
PCB 151 (BZ)	85	C135	43	2.3	pg/L
PCB 152 (BZ)	ND		43	1.6	pg/L
PCB 153 (BZ)	140	B C	43	1.9	pg/L
PCB 154 (BZ)	ND		43	1.9	pg/L
PCB 155 (BZ)	ND		43	1.5	pg/L
PCB 156 (BZ)	12	C J	43	2.4	pg/L
PCB 157 (BZ)	12	C156 J	43	2.4	pg/L
PCB 158 (BZ)	24	J	43	1.7	pg/L
PCB 159 (BZ)	ND		43	1.8	pg/L
PCB 160 (BZ)	170	C129	43	2.2	pg/L
PCB 161 (BZ)	ND		43	1.8	pg/L
PCB 162 (BZ)	ND		43	1.8	pg/L
PCB 163 (BZ)	170	C129	43	2.2	pg/L
PCB 164 (BZ)	15	J	43	1.9	pg/L
PCB 165 (BZ)	ND		43	2.0	pg/L
PCB 166 (BZ)	22	C128 J	43	2.1	pg/L
PCB 167 (BZ)	4.0	Q J	43	1.4	pg/L
PCB 168 (BZ)	140	B C153	43	1.9	pg/L
PCB 169 (BZ)	ND		43	1.4	pg/L
PCB 170 (BZ)	90		43	2.0	pg/L
PCB 171 (BZ)	30	C J	43	2.0	pg/L

TestAmerica Canton
Sample ID: SWTP-EFF-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 004	Work Order #....:	M10PD1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	935 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 172 (BZ)	12	J	43	pg/L
PCB 173 (BZ)	30	C171 J	43	pg/L
PCB 174 (BZ)	76		43	pg/L
PCB 175 (BZ)	ND		43	pg/L
PCB 176 (BZ)	7.5	Q J	43	pg/L
PCB 177 (BZ)	43		43	pg/L
PCB 178 (BZ)	10	Q J	43	pg/L
PCB 179 (BZ)	30	J	43	pg/L
PCB 180 (BZ)	190	C	43	pg/L
PCB 181 (BZ)	ND		43	pg/L
PCB 182 (BZ)	ND		43	pg/L
PCB 183 (BZ)	62	C	43	pg/L
PCB 184 (BZ)	ND		43	pg/L
PCB 185 (BZ)	62	C183	43	pg/L
PCB 186 (BZ)	ND		43	pg/L
PCB 187 (BZ)	82		43	pg/L
PCB 188 (BZ)	ND		43	pg/L
PCB 189 (BZ)	3.7	J	43	pg/L
PCB 190 (BZ)	15	Q J	43	pg/L
PCB 191 (BZ)	4.7	Q J	43	pg/L
PCB 192 (BZ)	ND		43	pg/L
PCB 193 (BZ)	190	C180	43	pg/L
PCB 194 (BZ)	38	J	43	pg/L
PCB 195 (BZ)	19	J	43	pg/L
PCB 196 (BZ)	22	J	43	pg/L
PCB 197 (BZ)	ND		43	pg/L
PCB 198 (BZ)	32	C J	43	pg/L
PCB 201 (BZ)/199 (IUPAC)	32	C198 J	43	pg/L
PCB 199 (BZ)/200 (IUPAC)	4.2	Q J	43	pg/L
PCB 200 (BZ)/201 (IUPAC)	3.0	Q J	43	pg/L
PCB 202 (BZ)	4.5	J	43	pg/L
PCB 203 (BZ)	21	J	43	pg/L
PCB 204 (BZ)	ND		43	pg/L
PCB 205 (BZ)	2.2	J	43	pg/L
PCB 206 (BZ)	6.3	Q J	43	pg/L
PCB 207 (BZ)	ND		43	pg/L

TestAmerica Canton
Sample ID: SWTP-EFF-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 004	Work Order #....:	M10PD1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	935 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 208 (BZ)	ND	43	1.2	pg/L
PCB 209 (BZ)	4.9	Q B J	1.6	pg/L

INTERNAL STANDARDS	PERCENT RECOVERY		RECOVERY LIMITS
13C12-PCB 1	71		30 - 140
13C12-PCB 3	68		30 - 140
13C12-PCB 4	87		30 - 140
13C12-PCB 15	85		30 - 140
13C12-PCB 19	84		30 - 140
13C12-PCB 37	86		30 - 140
13C12-PCB 54	80		30 - 140
13C12-PCB 77	92		30 - 140
13C12-PCB 81	91		30 - 140
13C12-PCB 104	82		30 - 140
13C12-PCB 105	83		30 - 140
13C12-PCB 114	82		30 - 140
13C12-PCB 118	81		30 - 140
13C12-PCB 123	80		30 - 140
13C12-PCB 126	80		30 - 140
13C12-PCB 155	98		30 - 140
13C12-PCB 156	95	C	30 - 140
13C12-PCB 157	95	C	30 - 140
13C12-PCB 167	95		30 - 140
13C12-PCB 169	88		30 - 140
13C12-PCB 170	90		30 - 140
13C12-PCB 188	91		30 - 140
13C12-PCB 189	107		30 - 140
13C12-PCB 202	104		30 - 140
13C12-PCB 205	88		30 - 140
13C12-PCB 206	107		30 - 140
13C12-PCB 208	113		30 - 140
13C12-PCB 209	99		30 - 140

TestAmerica Canton
Sample ID: SWTP-EFF-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 004	Work Order #....:	M10PD1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	935 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 28	92	40 - 125
13C12-PCB 111	100	40 - 125
13C12-PCB 178	95	40 - 125

QUALIFIERS

- B Method blank contamination. The associated method blank contains the target analyte at a reportable level.
- C Co-eluting isomer.
- J Estimated Result.
- Q Estimated maximum possible concentration (EMPC).

TestAmerica Canton
Sample ID: MH7-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 005	Work Order #....:	M10PE1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	916 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 1 (BZ)	ND		220	0.82	pg/L
PCB 2 (BZ)	ND		220	0.93	pg/L
PCB 3 (BZ)	2.4	Q B J	220	1.1	pg/L
PCB 4 (BZ)	18	Q B J	330	11	pg/L
PCB 5 (BZ)	ND		220	9.0	pg/L
PCB 6 (BZ)	ND		220	8.5	pg/L
PCB 7 (BZ)	ND		220	8.7	pg/L
PCB 8 (BZ)	9.8	Q B J	330	8.3	pg/L
PCB 9 (BZ)	ND		220	8.8	pg/L
PCB 10 (BZ)	ND		220	9.4	pg/L
PCB 11 (BZ)	49	Q B J	330	8.3	pg/L
PCB 12 (BZ)	ND		330	8.6	pg/L
PCB 13 (BZ)	ND		330	8.6	pg/L
PCB 14 (BZ)	ND		220	7.4	pg/L
PCB 15 (BZ)	15	Q B J	220	9.4	pg/L
PCB 16 (BZ)	ND		220	6.0	pg/L
PCB 17 (BZ)	ND		220	5.0	pg/L
PCB 18 (BZ)	18	Q B C J	330	4.5	pg/L
PCB 19 (BZ)	ND		220	6.2	pg/L
PCB 20 (BZ)	29	B C J	220	3.0	pg/L
PCB 21 (BZ)	7.7	Q B C J	220	3.0	pg/L
PCB 22 (BZ)	11	J	220	3.0	pg/L
PCB 23 (BZ)	ND		220	3.1	pg/L
PCB 24 (BZ)	ND		220	4.2	pg/L
PCB 25 (BZ)	ND		220	2.8	pg/L
PCB 26 (BZ)	6.9	Q C J	220	2.9	pg/L
PCB 27 (BZ)	ND		220	3.6	pg/L
PCB 28 (BZ)	29	B C20 J	220	3.0	pg/L
PCB 29 (BZ)	6.9	Q C26 J	220	2.9	pg/L
PCB 30 (BZ)	18	Q B C18 J	330	4.5	pg/L
PCB 31 (BZ)	16	Q B J	220	2.9	pg/L
PCB 32 (BZ)	11	Q J	220	3.6	pg/L
PCB 33 (BZ)	7.7	Q B C21 J	220	3.0	pg/L
PCB 34 (BZ)	ND		220	3.0	pg/L
PCB 35 (BZ)	5.1	J	220	3.1	pg/L
PCB 36 (BZ)	ND		220	3.0	pg/L

TestAmerica Canton
Sample ID: MH7-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 005	Work Order #....:	M10PE1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	916 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 37 (BZ)	9.4	Q J	220	3.1	pg/L
PCB 38 (BZ)	ND		220	3.2	pg/L
PCB 39 (BZ)	ND		220	2.8	pg/L
PCB 40 (BZ)	40	C J	220	5.9	pg/L
PCB 41 (BZ)	40	C40 J	220	5.9	pg/L
PCB 42 (BZ)	11	Q J	220	6.0	pg/L
PCB 43 (BZ)	ND		220	5.5	pg/L
PCB 44 (BZ)	98	B C J	220	5.3	pg/L
PCB 45 (BZ)	18	Q C J	220	6.1	pg/L
PCB 46 (BZ)	ND		220	7.3	pg/L
PCB 47 (BZ)	98	B C44 J	220	5.3	pg/L
PCB 48 (BZ)	ND		220	5.9	pg/L
PCB 49 (BZ)	65	B C J	220	4.9	pg/L
PCB 50 (BZ)	18	C J	220	5.7	pg/L
PCB 51 (BZ)	18	Q C45 J	220	6.1	pg/L
PCB 52 (BZ)	330		220	5.7	pg/L
PCB 53 (BZ)	18	C50 J	220	5.7	pg/L
PCB 54 (BZ)	ND		220	6.8	pg/L
PCB 55 (BZ)	ND		220	4.6	pg/L
PCB 56 (BZ)	45	J	220	4.3	pg/L
PCB 57 (BZ)	ND		220	4.4	pg/L
PCB 58 (BZ)	100	J	220	4.3	pg/L
PCB 59 (BZ)	ND		220	4.2	pg/L
PCB 60 (BZ)	13	Q J	220	4.4	pg/L
PCB 61 (BZ)	180	B C J	220	4.2	pg/L
PCB 62 (BZ)	ND		220	4.2	pg/L
PCB 63 (BZ)	ND		220	4.0	pg/L
PCB 64 (BZ)	27	J	220	4.0	pg/L
PCB 65 (BZ)	98	B C44 J	220	5.3	pg/L
PCB 66 (BZ)	97	J	220	4.2	pg/L
PCB 67 (BZ)	ND		220	3.9	pg/L
PCB 68 (BZ)	ND		220	4.0	pg/L
PCB 69 (BZ)	65	B C49 J	220	4.9	pg/L
PCB 70 (BZ)	180	B C61 J	220	4.2	pg/L
PCB 71 (BZ)	40	C40 J	220	5.9	pg/L
PCB 72 (BZ)	ND		220	4.2	pg/L

TestAmerica Canton
Sample ID: MH7-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 005	Work Order #....:	M10PE1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	916 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 73 (BZ)	ND	220	5.5	pg/L
PCB 74 (BZ)	180	B C61 J	4.2	pg/L
PCB 75 (BZ)	ND		4.2	pg/L
PCB 76 (BZ)	180	B C61 J	4.2	pg/L
PCB 77 (BZ)	12	J	4.0	pg/L
PCB 78 (BZ)	ND		4.5	pg/L
PCB 79 (BZ)	5.4	Q J	4.0	pg/L
PCB 80 (BZ)	ND		3.9	pg/L
PCB 81 (BZ)	ND		4.2	pg/L
PCB 82 (BZ)	78	J	11	pg/L
PCB 83 (BZ)	560	C	9.3	pg/L
PCB 84 (BZ)	180	Q J	11	pg/L
PCB 85 (BZ)	95	C J	7.6	pg/L
PCB 86 (BZ)	2100	Q B C	7.8	pg/L
PCB 87 (BZ)	2100	Q B C86	7.8	pg/L
PCB 88 (BZ)	70	C J	9.4	pg/L
PCB 89 (BZ)	ND		10	pg/L
PCB 90 (BZ)	3100	C	7.9	pg/L
PCB 91 (BZ)	70	C88 J	9.4	pg/L
PCB 92 (BZ)	480		9.0	pg/L
PCB 93 (BZ)	15	Q C J	9.0	pg/L
PCB 94 (BZ)	ND		10	pg/L
PCB 95 (BZ)	3100		9.6	pg/L
PCB 96 (BZ)	ND		7.6	pg/L
PCB 97 (BZ)	2100	Q B C86	7.8	pg/L
PCB 98 (BZ)	ND		8.8	pg/L
PCB 99 (BZ)	560	C83	9.3	pg/L
PCB 100 (BZ)	15	Q C93 J	9.0	pg/L
PCB 101 (BZ)	3100	C90	7.9	pg/L
PCB 102 (BZ)	ND		8.8	pg/L
PCB 103 (BZ)	22	Q J	8.9	pg/L
PCB 104 (BZ)	ND		6.8	pg/L
Monochlorobiphenyl (total)	2.4	Q B J	2.8	pg/L
PCB 105 (BZ)	260		5.7	pg/L
Dichlorobiphenyl (total)	92	Q B J	97	pg/L
Trichlorobiphenyl (total)	110	Q B J	72	pg/L

TestAmerica Canton
Sample ID: MH7-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 005	Work Order #....:	M10PE1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	916 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 106 (BZ)	ND		220	6.3	pg/L
Tetrachlorobiphenyl (total)	1100	Q B	220	140	pg/L
Pentachlorobiphenyl (total)	13000	Q B	220	240	pg/L
PCB 107 (BZ)/109 (IUPAC)	49	J	220	6.1	pg/L
Hexachlorobiphenyl (total)	52000	Q B	220	370	pg/L
Heptachlorobiphenyl (total)	48000	Q	220	220	pg/L
PCB 108 (BZ)/107 (IUPAC)	32	C J	220	6.5	pg/L
Octachlorobiphenyl (total)	12000	Q	220	91	pg/L
Nonachlorobiphenyl (total)	690		220	19	pg/L
PCB 109 (BZ)/108 (IUPAC)	2100	Q B C86	220	7.8	pg/L
PCB 110 (BZ)	1800	C	220	6.7	pg/L
PCB 111 (BZ)	ND		220	6.4	pg/L
PCB 112 (BZ)	ND		220	6.9	pg/L
PCB 113 (BZ)	3100	C90	220	7.9	pg/L
PCB 114 (BZ)	15	Q J	220	5.7	pg/L
PCB 115 (BZ)	1800	C110	220	6.7	pg/L
PCB 116 (BZ)	95	C85 J	220	7.6	pg/L
PCB 117 (BZ)	95	C85 J	220	7.6	pg/L
PCB 118 (BZ)	710		220	6.1	pg/L
PCB 119 (BZ)	2100	Q B C86	220	7.8	pg/L
PCB 120 (BZ)	6.4	Q J	220	6.6	pg/L
PCB 121 (BZ)	ND		220	6.6	pg/L
PCB 122 (BZ)	ND		220	6.9	pg/L
PCB 123 (BZ)	8.8	J	220	6.4	pg/L
PCB 124 (BZ)	32	C108 J	220	6.5	pg/L
PCB 125 (BZ)	2100	Q B C86	220	7.8	pg/L
PCB 126 (BZ)	ND		220	6.6	pg/L
PCB 127 (BZ)	ND		220	6.3	pg/L
PCB 128 (BZ)	760	C	220	11	pg/L
PCB 129 (BZ)	10000	C	220	11	pg/L
PCB 130 (BZ)	320		220	15	pg/L
PCB 131 (BZ)	88	J	220	15	pg/L
PCB 132 (BZ)	3000		220	14	pg/L
PCB 133 (BZ)	140	Q J	220	14	pg/L
PCB 134 (BZ)	530	C	220	15	pg/L
PCB 135 (BZ)	5600	C	220	15	pg/L

TestAmerica Canton
Sample ID: MH7-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 005	Work Order #....:	M10PE1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	916 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 136 (BZ)	1700		220	11	pg/L
PCB 137 (BZ)	46	J	220	13	pg/L
PCB 138 (BZ)	10000	C129	220	11	pg/L
PCB 139 (BZ)	60	Q C J	220	13	pg/L
PCB 140 (BZ)	60	Q C139 J	220	13	pg/L
PCB 141 (BZ)	3100		220	13	pg/L
PCB 142 (BZ)	ND		220	14	pg/L
PCB 143 (BZ)	530	C134	220	15	pg/L
PCB 144 (BZ)	670		220	14	pg/L
PCB 145 (BZ)	ND		220	10	pg/L
PCB 146 (BZ)	1500		220	12	pg/L
PCB 147 (BZ)	11000	B C	220	12	pg/L
PCB 148 (BZ)	ND		220	14	pg/L
PCB 149 (BZ)	11000	B C147	220	12	pg/L
PCB 150 (BZ)	ND		220	10	pg/L
PCB 151 (BZ)	5600	C135	220	15	pg/L
PCB 152 (BZ)	ND		220	10	pg/L
PCB 153 (BZ)	11000	B C	220	9.8	pg/L
PCB 154 (BZ)	63	Q J	220	12	pg/L
PCB 155 (BZ)	ND		220	9.7	pg/L
PCB 156 (BZ)	500	C	220	13	pg/L
PCB 157 (BZ)	500	C156	220	13	pg/L
PCB 158 (BZ)	810		220	8.9	pg/L
PCB 159 (BZ)	210	J	220	9.6	pg/L
PCB 160 (BZ)	10000	C129	220	11	pg/L
PCB 161 (BZ)	ND		220	9.5	pg/L
PCB 162 (BZ)	ND		220	9.5	pg/L
PCB 163 (BZ)	10000	C129	220	11	pg/L
PCB 164 (BZ)	800		220	10	pg/L
PCB 165 (BZ)	ND		220	10	pg/L
PCB 166 (BZ)	760	C128	220	11	pg/L
PCB 167 (BZ)	230		220	7.1	pg/L
PCB 168 (BZ)	11000	B C153	220	9.8	pg/L
PCB 169 (BZ)	37	Q J	220	6.5	pg/L
PCB 170 (BZ)	5300		220	13	pg/L
PCB 171 (BZ)	1700	C	220	13	pg/L

TestAmerica Canton
Sample ID: MH7-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 005	Work Order #....:	M10PE1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	916 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 172 (BZ)	950		220	13	pg/L
PCB 173 (BZ)	1700	C171	220	13	pg/L
PCB 174 (BZ)	6300		220	12	pg/L
PCB 175 (BZ)	230		220	11	pg/L
PCB 176 (BZ)	740		220	8.7	pg/L
PCB 177 (BZ)	3400		220	12	pg/L
PCB 178 (BZ)	1100		220	12	pg/L
PCB 179 (BZ)	2700		220	9.2	pg/L
PCB 180 (BZ)	13000	C	220	9.7	pg/L
PCB 181 (BZ)	22	Q J	220	11	pg/L
PCB 182 (BZ)	19	Q J	220	11	pg/L
PCB 183 (BZ)	4000	C	220	11	pg/L
PCB 184 (BZ)	ND		220	9.5	pg/L
PCB 185 (BZ)	4000	C183	220	11	pg/L
PCB 186 (BZ)	ND		220	9.2	pg/L
PCB 187 (BZ)	6800		220	11	pg/L
PCB 188 (BZ)	ND		220	8.5	pg/L
PCB 189 (BZ)	170	Q J	220	7.7	pg/L
PCB 190 (BZ)	1100		220	8.9	pg/L
PCB 191 (BZ)	240		220	8.7	pg/L
PCB 192 (BZ)	ND		220	9.8	pg/L
PCB 193 (BZ)	13000	C180	220	9.7	pg/L
PCB 194 (BZ)	3000		220	8.4	pg/L
PCB 195 (BZ)	1300		220	9.1	pg/L
PCB 196 (BZ)	1500		220	9.9	pg/L
PCB 197 (BZ)	110	Q J	220	7.3	pg/L
PCB 198 (BZ)	3100	C	220	10	pg/L
PCB 201 (BZ)/199 (IUPAC)	3100	C198	220	10	pg/L
PCB 199 (BZ)/200 (IUPAC)	360		220	7.2	pg/L
PCB 200 (BZ)/201 (IUPAC)	360		220	6.9	pg/L
PCB 202 (BZ)	470		220	7.8	pg/L
PCB 203 (BZ)	1800		220	9.1	pg/L
PCB 204 (BZ)	ND		220	7.6	pg/L
PCB 205 (BZ)	180	J	220	7.1	pg/L
PCB 206 (BZ)	530		220	7.8	pg/L
PCB 207 (BZ)	72	J	220	5.5	pg/L

TestAmerica Canton
Sample ID: MH7-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 005	Work Order #....:	M10PE1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	916 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 208 (BZ)	90	J	220	5.6 pg/L
PCB 209 (BZ)	ND		220	5.6 pg/L

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 1	68	30 - 140
13C12-PCB 3	68	30 - 140
13C12-PCB 4	80	30 - 140
13C12-PCB 15	79	30 - 140
13C12-PCB 19	80	30 - 140
13C12-PCB 37	84	30 - 140
13C12-PCB 54	76	30 - 140
13C12-PCB 77	87	30 - 140
13C12-PCB 81	83	30 - 140
13C12-PCB 104	83	30 - 140
13C12-PCB 105	80	30 - 140
13C12-PCB 114	80	30 - 140
13C12-PCB 118	76	30 - 140
13C12-PCB 123	77	30 - 140
13C12-PCB 126	77	30 - 140
13C12-PCB 155	90	30 - 140
13C12-PCB 156	90	C 30 - 140
13C12-PCB 157	90	C 30 - 140
13C12-PCB 167	92	30 - 140
13C12-PCB 169	98	30 - 140
13C12-PCB 170	91	30 - 140
13C12-PCB 188	86	30 - 140
13C12-PCB 189	84	30 - 140
13C12-PCB 202	98	30 - 140
13C12-PCB 205	76	30 - 140
13C12-PCB 206	96	30 - 140
13C12-PCB 208	91	30 - 140
13C12-PCB 209	92	30 - 140

TestAmerica Canton
Sample ID: MH7-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 005	Work Order #....:	M10PE1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	916 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 28	93	40 - 125
13C12-PCB 111	99	40 - 125
13C12-PCB 178	97	40 - 125

QUALIFIERS

- B Method blank contamination. The associated method blank contains the target analyte at a reportable level.
- C Co-eluting isomer.
- J Estimated Result.
- Q Estimated maximum possible concentration (EMPC).

TestAmerica Canton
Sample ID: MH39-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 006	Work Order #....:	M10PF1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	965 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 1 (BZ)	3.4	Q J	41	0.25
PCB 2 (BZ)	1.8	Q J	41	0.28
PCB 3 (BZ)	2.6	Q B J	41	0.32
PCB 4 (BZ)	7.5	Q B J	62	1.7
PCB 5 (BZ)	ND		41	1.3
PCB 6 (BZ)	3.8	Q J	41	1.2
PCB 7 (BZ)	ND		41	1.3
PCB 8 (BZ)	14	Q B J	62	1.2
PCB 9 (BZ)	1.1	Q J	41	1.3
PCB 10 (BZ)	ND		41	1.4
PCB 11 (BZ)	97	B	62	1.2
PCB 12 (BZ)	5.0	Q C J	62	1.3
PCB 13 (BZ)	5.0	Q C12 J	62	1.3
PCB 14 (BZ)	ND		41	1.1
PCB 15 (BZ)	12	Q B J	41	1.3
PCB 16 (BZ)	2.9	Q J	41	1.4
PCB 17 (BZ)	4.4	Q J	41	1.1
PCB 18 (BZ)	13	B C J	62	1.0
PCB 19 (BZ)	ND		41	1.4
PCB 20 (BZ)	21	B C J	41	0.68
PCB 21 (BZ)	11	B C J	41	0.68
PCB 22 (BZ)	7.3	J	41	0.69
PCB 23 (BZ)	ND		41	0.70
PCB 24 (BZ)	ND		41	0.95
PCB 25 (BZ)	2.5	Q J	41	0.63
PCB 26 (BZ)	2.9	C J	41	0.66
PCB 27 (BZ)	ND		41	0.82
PCB 28 (BZ)	21	B C20 J	41	0.68
PCB 29 (BZ)	2.9	C26 J	41	0.66
PCB 30 (BZ)	13	B C18 J	62	1.0
PCB 31 (BZ)	17	B J	41	0.66
PCB 32 (BZ)	29	J	41	0.80
PCB 33 (BZ)	11	B C21 J	41	0.68
PCB 34 (BZ)	ND		41	0.69
PCB 35 (BZ)	2.0	Q J	41	0.71
PCB 36 (BZ)	ND		41	0.69

TestAmerica Canton
 Sample ID: MH39-3Q13
 Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 006	Work Order #....:	M10PF1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	965 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 37 (BZ)	7.8	J	41	0.70	pg/L
PCB 38 (BZ)	ND		41	0.72	pg/L
PCB 39 (BZ)	ND		41	0.64	pg/L
PCB 40 (BZ)	19	C J	41	1.3	pg/L
PCB 41 (BZ)	19	C40 J	41	1.3	pg/L
PCB 42 (BZ)	5.0	J	41	1.3	pg/L
PCB 43 (BZ)	ND		41	1.2	pg/L
PCB 44 (BZ)	130	B C	41	1.1	pg/L
PCB 45 (BZ)	66	C	41	1.3	pg/L
PCB 46 (BZ)	3.9	J	41	1.5	pg/L
PCB 47 (BZ)	130	B C44	41	1.1	pg/L
PCB 48 (BZ)	ND		41	1.3	pg/L
PCB 49 (BZ)	84	B C	41	1.0	pg/L
PCB 50 (BZ)	55	C	41	1.2	pg/L
PCB 51 (BZ)	66	C45	41	1.3	pg/L
PCB 52 (BZ)	81		41	1.2	pg/L
PCB 53 (BZ)	55	C50	41	1.2	pg/L
PCB 54 (BZ)	6.8	J	41	1.5	pg/L
PCB 55 (BZ)	ND		41	0.98	pg/L
PCB 56 (BZ)	9.8	J	41	0.92	pg/L
PCB 57 (BZ)	ND		41	0.93	pg/L
PCB 58 (BZ)	ND		41	0.93	pg/L
PCB 59 (BZ)	2.8	Q C J	41	0.90	pg/L
PCB 60 (BZ)	3.6	Q J	41	0.95	pg/L
PCB 61 (BZ)	51	B C	41	0.90	pg/L
PCB 62 (BZ)	2.8	Q C59 J	41	0.90	pg/L
PCB 63 (BZ)	ND		41	0.86	pg/L
PCB 64 (BZ)	10	J	41	0.85	pg/L
PCB 65 (BZ)	130	B C44	41	1.1	pg/L
PCB 66 (BZ)	24	J	41	0.89	pg/L
PCB 67 (BZ)	ND		41	0.84	pg/L
PCB 68 (BZ)	ND		41	0.84	pg/L
PCB 69 (BZ)	84	B C49	41	1.0	pg/L
PCB 70 (BZ)	51	B C61	41	0.90	pg/L
PCB 71 (BZ)	19	C40 J	41	1.3	pg/L
PCB 72 (BZ)	ND		41	0.91	pg/L

TestAmerica Canton
Sample ID: MH39-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 006	Work Order #....:	M10PF1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	965 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 73 (BZ)	ND	41	1.2	pg/L
PCB 74 (BZ)	51	B C61	0.90	pg/L
PCB 75 (BZ)	2.8	Q C59 J	0.90	pg/L
PCB 76 (BZ)	51	B C61	0.90	pg/L
PCB 77 (BZ)	4.9	J	0.87	pg/L
PCB 78 (BZ)	ND	41	0.96	pg/L
PCB 79 (BZ)	0.79	Q J	0.85	pg/L
PCB 80 (BZ)	ND	41	0.83	pg/L
PCB 81 (BZ)	ND	41	0.88	pg/L
PCB 82 (BZ)	12	Q J	2.0	pg/L
PCB 83 (BZ)	75	C	1.7	pg/L
PCB 84 (BZ)	30	Q J	1.9	pg/L
PCB 85 (BZ)	20	C J	1.4	pg/L
PCB 86 (BZ)	120	B C	1.4	pg/L
PCB 87 (BZ)	120	B C86	1.4	pg/L
PCB 88 (BZ)	24	Q C J	1.7	pg/L
PCB 89 (BZ)	ND	41	1.8	pg/L
PCB 90 (BZ)	210	C	1.4	pg/L
PCB 91 (BZ)	24	Q C88 J	1.7	pg/L
PCB 92 (BZ)	38	J	1.6	pg/L
PCB 93 (BZ)	ND	41	1.6	pg/L
PCB 94 (BZ)	ND	41	1.8	pg/L
PCB 95 (BZ)	250		1.7	pg/L
PCB 96 (BZ)	ND	41	1.4	pg/L
PCB 97 (BZ)	120	B C86	1.4	pg/L
PCB 98 (BZ)	ND	41	1.6	pg/L
PCB 99 (BZ)	75	C83	1.7	pg/L
PCB 100 (BZ)	ND	41	1.6	pg/L
PCB 101 (BZ)	210	C90	1.4	pg/L
PCB 102 (BZ)	ND	41	1.6	pg/L
PCB 103 (BZ)	3.8	Q J	1.6	pg/L
PCB 104 (BZ)	ND	41	1.2	pg/L
Monochlorobiphenyl (total)	7.8	Q J B	0.85	pg/L
PCB 105 (BZ)	49	Q	1.1	pg/L
Dichlorobiphenyl (total)	140	Q B	14	pg/L
Trichlorobiphenyl (total)	120	B J Q	16	pg/L

TestAmerica Canton
Sample ID: MH39-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 006	Work Order #....:	M10PF1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	965 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 106 (BZ)	ND	41	1.2	pg/L
Tetrachlorobiphenyl (total)	560	B Q	30	pg/L
Pentachlorobiphenyl (total)	1200	Q B	44	pg/L
PCB 107 (BZ)/109 (IUPAC)	7.4	Q J	1.1	pg/L
Hexachlorobiphenyl (total)	2300	B Q	67	pg/L
Heptachlorobiphenyl (total)	1600	Q	35	pg/L
PCB 108 (BZ)/107 (IUPAC)	3.9	Q C J	1.2	pg/L
Octachlorobiphenyl (total)	360	Q S	13	pg/L
Nonachlorobiphenyl (total)	34	Q J S	3.3	pg/L
PCB 109 (BZ)/108 (IUPAC)	120	B C86	1.4	pg/L
PCB 110 (BZ)	220	C	1.2	pg/L
PCB 111 (BZ)	ND	41	1.2	pg/L
PCB 112 (BZ)	ND	41	1.3	pg/L
PCB 113 (BZ)	210	C90	1.4	pg/L
PCB 114 (BZ)	1.8	Q J	1.1	pg/L
PCB 115 (BZ)	220	C110	1.2	pg/L
PCB 116 (BZ)	20	C85 J	1.4	pg/L
PCB 117 (BZ)	20	C85 J	1.4	pg/L
PCB 118 (BZ)	130		1.1	pg/L
PCB 119 (BZ)	120	B C86	1.4	pg/L
PCB 120 (BZ)	ND	41	1.2	pg/L
PCB 121 (BZ)	ND	41	1.2	pg/L
PCB 122 (BZ)	ND	41	1.3	pg/L
PCB 123 (BZ)	ND	41	1.2	pg/L
PCB 124 (BZ)	3.9	Q C108 J	1.2	pg/L
PCB 125 (BZ)	120	B C86	1.4	pg/L
PCB 126 (BZ)	ND	41	1.2	pg/L
PCB 127 (BZ)	ND	41	1.2	pg/L
PCB 128 (BZ)	59	C	2.1	pg/L
PCB 129 (BZ)	540	C	2.2	pg/L
PCB 130 (BZ)	27	J	2.8	pg/L
PCB 131 (BZ)	ND	41	2.9	pg/L
PCB 132 (BZ)	160		2.7	pg/L
PCB 133 (BZ)	ND	41	2.6	pg/L
PCB 134 (BZ)	18	Q C J	2.8	pg/L
PCB 135 (BZ)	210	C	2.3	pg/L

TestAmerica Canton
Sample ID: MH39-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 006	Work Order #....:	M10PF1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	965 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 136 (BZ)	66	41	1.7	pg/L
PCB 137 (BZ)	9.2	Q J	2.4	pg/L
PCB 138 (BZ)	540	C129	2.2	pg/L
PCB 139 (BZ)	3.9	Q C J	2.4	pg/L
PCB 140 (BZ)	3.9	Q C139 J	2.4	pg/L
PCB 141 (BZ)	100		2.5	pg/L
PCB 142 (BZ)	ND		2.8	pg/L
PCB 143 (BZ)	18	Q C134 J	2.8	pg/L
PCB 144 (BZ)	18	J	2.1	pg/L
PCB 145 (BZ)	ND		1.6	pg/L
PCB 146 (BZ)	77		2.3	pg/L
PCB 147 (BZ)	460	B C	2.3	pg/L
PCB 148 (BZ)	ND		2.2	pg/L
PCB 149 (BZ)	460	B C147	2.3	pg/L
PCB 150 (BZ)	ND		1.5	pg/L
PCB 151 (BZ)	210	C135	2.3	pg/L
PCB 152 (BZ)	ND		1.6	pg/L
PCB 153 (BZ)	460	B C	1.9	pg/L
PCB 154 (BZ)	5.6	J	1.8	pg/L
PCB 155 (BZ)	ND		1.5	pg/L
PCB 156 (BZ)	31	C J	2.2	pg/L
PCB 157 (BZ)	31	C156 J	2.2	pg/L
PCB 158 (BZ)	37	Q J	1.7	pg/L
PCB 159 (BZ)	5.1	Q J	1.8	pg/L
PCB 160 (BZ)	540	C129	2.2	pg/L
PCB 161 (BZ)	ND		1.8	pg/L
PCB 162 (BZ)	ND		1.8	pg/L
PCB 163 (BZ)	540	C129	2.2	pg/L
PCB 164 (BZ)	39	J	1.9	pg/L
PCB 165 (BZ)	ND		2.0	pg/L
PCB 166 (BZ)	59	C128	2.1	pg/L
PCB 167 (BZ)	9.3	Q J	1.2	pg/L
PCB 168 (BZ)	460	B C153	1.9	pg/L
PCB 169 (BZ)	ND		1.8	pg/L
PCB 170 (BZ)	190		2.1	pg/L
PCB 171 (BZ)	50	C	2.0	pg/L

TestAmerica Canton
Sample ID: MH39-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 006	Work Order #....:	M10PF1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	965 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 172 (BZ)	29	J	41	2.0	pg/L
PCB 173 (BZ)	50	C171	41	2.0	pg/L
PCB 174 (BZ)	210		41	1.9	pg/L
PCB 175 (BZ)	4.5	Q J	41	1.8	pg/L
PCB 176 (BZ)	22	J	41	1.4	pg/L
PCB 177 (BZ)	110		41	1.9	pg/L
PCB 178 (BZ)	32	J	41	2.0	pg/L
PCB 179 (BZ)	61		41	1.5	pg/L
PCB 180 (BZ)	450	C	41	1.5	pg/L
PCB 181 (BZ)	ND		41	1.8	pg/L
PCB 182 (BZ)	ND		41	1.8	pg/L
PCB 183 (BZ)	130	C	41	1.8	pg/L
PCB 184 (BZ)	ND		41	1.5	pg/L
PCB 185 (BZ)	130	C183	41	1.8	pg/L
PCB 186 (BZ)	ND		41	1.5	pg/L
PCB 187 (BZ)	250		41	1.7	pg/L
PCB 188 (BZ)	ND		41	1.3	pg/L
PCB 189 (BZ)	3.9	Q J	41	1.3	pg/L
PCB 190 (BZ)	29	J	41	1.4	pg/L
PCB 191 (BZ)	5.3	Q J	41	1.4	pg/L
PCB 192 (BZ)	ND		41	1.5	pg/L
PCB 193 (BZ)	450	C180	41	1.5	pg/L
PCB 194 (BZ)	100		41	1.3	pg/L
PCB 195 (BZ)	36	J	41	1.4	pg/L
PCB 196 (BZ)	44		41	1.3	pg/L
PCB 197 (BZ)	3.1	J	41	0.99	pg/L
PCB 198 (BZ)	75	S C	41	1.4	pg/L
PCB 201 (BZ)/199 (IUPAC)	75	S C198	41	1.4	pg/L
PCB 199 (BZ)/200 (IUPAC)	11	J	41	0.97	pg/L
PCB 200 (BZ)/201 (IUPAC)	6.3	Q J	41	0.94	pg/L
PCB 202 (BZ)	16	J	41	1.1	pg/L
PCB 203 (BZ)	60		41	1.2	pg/L
PCB 204 (BZ)	ND		41	1.0	pg/L
PCB 205 (BZ)	3.9	Q J	41	1.1	pg/L
PCB 206 (BZ)	27	J	41	1.4	pg/L
PCB 207 (BZ)	2.1	S J	41	0.96	pg/L

TestAmerica Canton
Sample ID: MH39-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 006	Work Order #....:	M10PF1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	965 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 208 (BZ)	4.7	Q J	0.98	pg/L
PCB 209 (BZ)	7.1	Q B J	1.4	pg/L

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 1	68	30 - 140
13C12-PCB 3	64	30 - 140
13C12-PCB 4	79	30 - 140
13C12-PCB 15	83	30 - 140
13C12-PCB 19	81	30 - 140
13C12-PCB 37	85	30 - 140
13C12-PCB 54	75	30 - 140
13C12-PCB 77	87	30 - 140
13C12-PCB 81	83	30 - 140
13C12-PCB 104	79	30 - 140
13C12-PCB 105	77	30 - 140
13C12-PCB 114	76	30 - 140
13C12-PCB 118	74	30 - 140
13C12-PCB 123	73	30 - 140
13C12-PCB 126	70	30 - 140
13C12-PCB 155	88	30 - 140
13C12-PCB 156	86	C 30 - 140
13C12-PCB 157	86	C 30 - 140
13C12-PCB 167	87	30 - 140
13C12-PCB 169	62	30 - 140
13C12-PCB 170	86	30 - 140
13C12-PCB 188	86	30 - 140
13C12-PCB 189	90	30 - 140
13C12-PCB 202	99	30 - 140
13C12-PCB 205	79	30 - 140
13C12-PCB 206	92	30 - 140
13C12-PCB 208	97	30 - 140
13C12-PCB 209	85	30 - 140

TestAmerica Canton
Sample ID: MH39-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 006	Work Order #....:	M10PF1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	965 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 28	96	40 - 125
13C12-PCB 111	103	40 - 125
13C12-PCB 178	98	40 - 125

QUALIFIERS

- B Method blank contamination. The associated method blank contains the target analyte at a reportable level.
- C Co-eluting isomer.
- J Estimated Result.
- Q Estimated maximum possible concentration (EMPC).
- S Ion suppression.

TestAmerica Canton
Sample ID: MH42-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 007	Work Order #....:	M10PG1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	932 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 1 (BZ)	1.9	Q J	43	0.25
PCB 2 (BZ)	1.8	Q J	43	0.27
PCB 3 (BZ)	2.2	B J	43	0.30
PCB 4 (BZ)	19	B J	64	1.4
PCB 5 (BZ)	ND		43	1.1
PCB 6 (BZ)	2.6	Q J	43	1.1
PCB 7 (BZ)	ND		43	1.1
PCB 8 (BZ)	6.3	Q B J	64	1.1
PCB 9 (BZ)	2.7	Q J	43	1.1
PCB 10 (BZ)	2.2	Q J	43	1.2
PCB 11 (BZ)	17	Q B J	64	1.1
PCB 12 (BZ)	1.7	Q C J	64	1.1
PCB 13 (BZ)	1.7	Q C12 J	64	1.1
PCB 14 (BZ)	ND		43	0.94
PCB 15 (BZ)	8.0	Q B J	43	1.2
PCB 16 (BZ)	5.2	Q J	43	1.2
PCB 17 (BZ)	4.8	Q J	43	0.97
PCB 18 (BZ)	13	Q B C J	64	0.86
PCB 19 (BZ)	3.3	J	43	1.2
PCB 20 (BZ)	12	B C J	43	0.60
PCB 21 (BZ)	3.8	Q B C J	43	0.61
PCB 22 (BZ)	2.3	Q J	43	0.61
PCB 23 (BZ)	ND		43	0.63
PCB 24 (BZ)	ND		43	0.81
PCB 25 (BZ)	ND		43	0.56
PCB 26 (BZ)	1.1	Q C J	43	0.59
PCB 27 (BZ)	ND		43	0.70
PCB 28 (BZ)	12	B C20 J	43	0.60
PCB 29 (BZ)	1.1	Q C26 J	43	0.59
PCB 30 (BZ)	13	Q B C18 J	64	0.86
PCB 31 (BZ)	10	Q B J	43	0.59
PCB 32 (BZ)	18	J	43	0.69
PCB 33 (BZ)	3.8	Q B C21 J	43	0.61
PCB 34 (BZ)	ND		43	0.62
PCB 35 (BZ)	ND		43	0.63
PCB 36 (BZ)	ND		43	0.61

TestAmerica Canton
Sample ID: MH42-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 007	Work Order #....:	M10PG1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	932 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 37 (BZ)	2.6	Q J	0.63	pg/L
PCB 38 (BZ)	ND	43	0.65	pg/L
PCB 39 (BZ)	ND	43	0.57	pg/L
PCB 40 (BZ)	15	C J	1.1	pg/L
PCB 41 (BZ)	15	C40 J	1.1	pg/L
PCB 42 (BZ)	5.3	Q J	1.1	pg/L
PCB 43 (BZ)	ND	43	1.0	pg/L
PCB 44 (BZ)	110	B C	0.99	pg/L
PCB 45 (BZ)	52	C	1.2	pg/L
PCB 46 (BZ)	ND	43	1.4	pg/L
PCB 47 (BZ)	110	B C44	0.99	pg/L
PCB 48 (BZ)	ND	43	1.1	pg/L
PCB 49 (BZ)	79	B C	0.91	pg/L
PCB 50 (BZ)	47	C	1.1	pg/L
PCB 51 (BZ)	52	C45	1.2	pg/L
PCB 52 (BZ)	160		1.1	pg/L
PCB 53 (BZ)	47	C50	1.1	pg/L
PCB 54 (BZ)	3.2	Q J	1.4	pg/L
PCB 55 (BZ)	ND	43	0.86	pg/L
PCB 56 (BZ)	5.6	J	0.81	pg/L
PCB 57 (BZ)	ND	43	0.82	pg/L
PCB 58 (BZ)	ND	43	0.81	pg/L
PCB 59 (BZ)	2.5	Q C J	0.79	pg/L
PCB 60 (BZ)	2.1	J	0.83	pg/L
PCB 61 (BZ)	45	B C	0.79	pg/L
PCB 62 (BZ)	2.5	Q C59 J	0.79	pg/L
PCB 63 (BZ)	ND	43	0.76	pg/L
PCB 64 (BZ)	11	J	0.75	pg/L
PCB 65 (BZ)	110	B C44	0.99	pg/L
PCB 66 (BZ)	18	J	0.78	pg/L
PCB 67 (BZ)	ND	43	0.74	pg/L
PCB 68 (BZ)	0.68	Q J	0.74	pg/L
PCB 69 (BZ)	79	B C49	0.91	pg/L
PCB 70 (BZ)	45	B C61	0.79	pg/L
PCB 71 (BZ)	15	C40 J	1.1	pg/L
PCB 72 (BZ)	ND	43	0.80	pg/L

TestAmerica Canton
Sample ID: MH42-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 007	Work Order #....:	M10PG1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	932 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 73 (BZ)	ND	43	1.0	pg/L
PCB 74 (BZ)	45	B C61	0.79	pg/L
PCB 75 (BZ)	2.5	Q C59 J	0.79	pg/L
PCB 76 (BZ)	45	B C61	0.79	pg/L
PCB 77 (BZ)	1.6	Q J	0.77	pg/L
PCB 78 (BZ)	ND	43	0.85	pg/L
PCB 79 (BZ)	ND	43	0.74	pg/L
PCB 80 (BZ)	ND	43	0.72	pg/L
PCB 81 (BZ)	ND	43	0.76	pg/L
PCB 82 (BZ)	12	J	1.8	pg/L
PCB 83 (BZ)	84	C	1.5	pg/L
PCB 84 (BZ)	54	Q	1.7	pg/L
PCB 85 (BZ)	12	Q C J	1.2	pg/L
PCB 86 (BZ)	100	B C	1.2	pg/L
PCB 87 (BZ)	100	B C86	1.2	pg/L
PCB 88 (BZ)	31	C J	1.5	pg/L
PCB 89 (BZ)	ND	43	1.6	pg/L
PCB 90 (BZ)	370	C	1.3	pg/L
PCB 91 (BZ)	31	C88 J	1.5	pg/L
PCB 92 (BZ)	65		1.4	pg/L
PCB 93 (BZ)	3.8	Q C J	1.4	pg/L
PCB 94 (BZ)	ND	43	1.6	pg/L
PCB 95 (BZ)	700		1.5	pg/L
PCB 96 (BZ)	3.6	J	1.2	pg/L
PCB 97 (BZ)	100	B C86	1.2	pg/L
PCB 98 (BZ)	1.0	Q C J	1.4	pg/L
PCB 99 (BZ)	84	C83	1.5	pg/L
PCB 100 (BZ)	3.8	Q C93 J	1.4	pg/L
PCB 101 (BZ)	370	C90	1.3	pg/L
PCB 102 (BZ)	1.0	Q C98 J	1.4	pg/L
PCB 103 (BZ)	3.2	Q J	1.4	pg/L
PCB 104 (BZ)	ND	43	1.1	pg/L
Monochlorobiphenyl (total)	5.9	Q J B	0.81	pg/L
PCB 105 (BZ)	29	J	0.94	pg/L
Dichlorobiphenyl (total)	59	B J Q	12	pg/L
Trichlorobiphenyl (total)	78	J Q B	14	pg/L

TestAmerica Canton
Sample ID: MH42-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 007	Work Order #....:	M10PG1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	932 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 106 (BZ)	ND	43	1.0	pg/L
Tetrachlorobiphenyl (total)	560	Q B	26	pg/L
Pentachlorobiphenyl (total)	1900	Q B	38	pg/L
PCB 107 (BZ)/109 (IUPAC)	5.4	J	0.98	pg/L
Hexachlorobiphenyl (total)	2500	Q B	55	pg/L
Heptachlorobiphenyl (total)	1200	Q S	26	pg/L
PCB 108 (BZ)/107 (IUPAC)	2.8	Q C J	1.0	pg/L
Octachlorobiphenyl (total)	240	S Q	12	pg/L
Nonachlorobiphenyl (total)	19	J	3.2	pg/L
PCB 109 (BZ)/108 (IUPAC)	100	B C86	1.2	pg/L
PCB 110 (BZ)	300	C	1.1	pg/L
PCB 111 (BZ)	ND	43	1.0	pg/L
PCB 112 (BZ)	ND	43	1.1	pg/L
PCB 113 (BZ)	370	C90	1.3	pg/L
PCB 114 (BZ)	ND	43	0.92	pg/L
PCB 115 (BZ)	300	C110	1.1	pg/L
PCB 116 (BZ)	12	Q C85 J	1.2	pg/L
PCB 117 (BZ)	12	Q C85 J	1.2	pg/L
PCB 118 (BZ)	91		0.95	pg/L
PCB 119 (BZ)	100	B C86	1.2	pg/L
PCB 120 (BZ)	ND	43	1.0	pg/L
PCB 121 (BZ)	ND	43	1.1	pg/L
PCB 122 (BZ)	ND	43	1.1	pg/L
PCB 123 (BZ)	1.5	Q J	1.0	pg/L
PCB 124 (BZ)	2.8	Q C108 J	1.0	pg/L
PCB 125 (BZ)	100	B C86	1.2	pg/L
PCB 126 (BZ)	ND	43	1.0	pg/L
PCB 127 (BZ)	ND	43	0.99	pg/L
PCB 128 (BZ)	40	C J	1.7	pg/L
PCB 129 (BZ)	460	C	1.8	pg/L
PCB 130 (BZ)	19	J	2.3	pg/L
PCB 131 (BZ)	ND	43	2.4	pg/L
PCB 132 (BZ)	180		2.2	pg/L
PCB 133 (BZ)	5.2	J	2.2	pg/L
PCB 134 (BZ)	20	Q C J	2.3	pg/L
PCB 135 (BZ)	300	C	1.8	pg/L

TestAmerica Canton
Sample ID: MH42-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 007	Work Order #....:	M10PG1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	932 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 136 (BZ)	120		43	1.3	pg/L
PCB 137 (BZ)	5.4	J	43	2.0	pg/L
PCB 138 (BZ)	460	C129	43	1.8	pg/L
PCB 139 (BZ)	ND		43	2.0	pg/L
PCB 140 (BZ)	ND		43	2.0	pg/L
PCB 141 (BZ)	120		43	2.1	pg/L
PCB 142 (BZ)	ND		43	2.3	pg/L
PCB 143 (BZ)	20	Q C134 J	43	2.3	pg/L
PCB 144 (BZ)	28	J	43	1.7	pg/L
PCB 145 (BZ)	ND		43	1.3	pg/L
PCB 146 (BZ)	73		43	1.9	pg/L
PCB 147 (BZ)	580	B C	43	1.9	pg/L
PCB 148 (BZ)	ND		43	1.8	pg/L
PCB 149 (BZ)	580	B C147	43	1.9	pg/L
PCB 150 (BZ)	ND		43	1.2	pg/L
PCB 151 (BZ)	300	C135	43	1.8	pg/L
PCB 152 (BZ)	ND		43	1.3	pg/L
PCB 153 (BZ)	460	B C	43	1.5	pg/L
PCB 154 (BZ)	6.6	Q J	43	1.5	pg/L
PCB 155 (BZ)	ND		43	1.2	pg/L
PCB 156 (BZ)	16	Q C J	43	1.8	pg/L
PCB 157 (BZ)	16	Q C156 J	43	1.8	pg/L
PCB 158 (BZ)	34	J	43	1.4	pg/L
PCB 159 (BZ)	4.0	Q J	43	1.5	pg/L
PCB 160 (BZ)	460	C129	43	1.8	pg/L
PCB 161 (BZ)	ND		43	1.5	pg/L
PCB 162 (BZ)	ND		43	1.5	pg/L
PCB 163 (BZ)	460	C129	43	1.8	pg/L
PCB 164 (BZ)	30	Q J	43	1.6	pg/L
PCB 165 (BZ)	ND		43	1.7	pg/L
PCB 166 (BZ)	40	C128 J	43	1.7	pg/L
PCB 167 (BZ)	6.3	Q J	43	1.0	pg/L
PCB 168 (BZ)	460	B C153	43	1.5	pg/L
PCB 169 (BZ)	ND		43	1.5	pg/L
PCB 170 (BZ)	120		43	1.5	pg/L
PCB 171 (BZ)	31	C J	43	1.5	pg/L

TestAmerica Canton
Sample ID: MH42-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 007	Work Order #....:	M10PG1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	932 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS	
PCB 172 (BZ)	19	J	43	1.5	pg/L
PCB 173 (BZ)	31	C171 J	43	1.5	pg/L
PCB 174 (BZ)	160		43	1.4	pg/L
PCB 175 (BZ)	2.6	Q S J	43	1.3	pg/L
PCB 176 (BZ)	18	J	43	1.0	pg/L
PCB 177 (BZ)	84		43	1.4	pg/L
PCB 178 (BZ)	28	J	43	1.4	pg/L
PCB 179 (BZ)	65		43	1.1	pg/L
PCB 180 (BZ)	330	C	43	1.1	pg/L
PCB 181 (BZ)	ND		43	1.3	pg/L
PCB 182 (BZ)	ND		43	1.3	pg/L
PCB 183 (BZ)	98	C	43	1.3	pg/L
PCB 184 (BZ)	ND		43	1.1	pg/L
PCB 185 (BZ)	98	C183	43	1.3	pg/L
PCB 186 (BZ)	ND		43	1.1	pg/L
PCB 187 (BZ)	210		43	1.2	pg/L
PCB 188 (BZ)	ND		43	0.99	pg/L
PCB 189 (BZ)	ND		43	0.89	pg/L
PCB 190 (BZ)	17	Q S J	43	1.0	pg/L
PCB 191 (BZ)	4.3	J	43	1.0	pg/L
PCB 192 (BZ)	ND		43	1.1	pg/L
PCB 193 (BZ)	330	C180	43	1.1	pg/L
PCB 194 (BZ)	70		43	1.2	pg/L
PCB 195 (BZ)	24	Q J	43	1.3	pg/L
PCB 196 (BZ)	30	J	43	1.3	pg/L
PCB 197 (BZ)	ND		43	0.94	pg/L
PCB 198 (BZ)	49	S C	43	1.3	pg/L
PCB 201 (BZ)/199 (IUPAC)	49	S C198	43	1.3	pg/L
PCB 199 (BZ)/200 (IUPAC)	8.1	J	43	0.92	pg/L
PCB 200 (BZ)/201 (IUPAC)	6.5	J	43	0.89	pg/L
PCB 202 (BZ)	12	J	43	1.0	pg/L
PCB 203 (BZ)	39	Q J	43	1.2	pg/L
PCB 204 (BZ)	ND		43	0.97	pg/L
PCB 205 (BZ)	3.0	Q J	43	1.0	pg/L
PCB 206 (BZ)	15	J	43	1.3	pg/L
PCB 207 (BZ)	ND		43	0.92	pg/L

TestAmerica Canton
 Sample ID: MH42-3Q13
 Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 007	Work Order #....:	M10PG1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	932 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 208 (BZ)	3.9	J	0.96	pg/L
PCB 209 (BZ)	6.0	Q B J	1.1	pg/L

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 1	68	30 - 140
13C12-PCB 3	67	30 - 140
13C12-PCB 4	83	30 - 140
13C12-PCB 15	80	30 - 140
13C12-PCB 19	84	30 - 140
13C12-PCB 37	87	30 - 140
13C12-PCB 54	75	30 - 140
13C12-PCB 77	92	30 - 140
13C12-PCB 81	88	30 - 140
13C12-PCB 104	83	30 - 140
13C12-PCB 105	85	30 - 140
13C12-PCB 114	82	30 - 140
13C12-PCB 118	81	30 - 140
13C12-PCB 123	80	30 - 140
13C12-PCB 126	73	30 - 140
13C12-PCB 155	95	30 - 140
13C12-PCB 156	95	C
13C12-PCB 157	95	C
13C12-PCB 167	97	30 - 140
13C12-PCB 169	69	30 - 140
13C12-PCB 170	95	30 - 140
13C12-PCB 188	93	30 - 140
13C12-PCB 189	96	30 - 140
13C12-PCB 202	108	30 - 140
13C12-PCB 205	83	30 - 140
13C12-PCB 206	100	30 - 140
13C12-PCB 208	98	30 - 140
13C12-PCB 209	93	30 - 140

TestAmerica Canton
Sample ID: MH42-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 007	Work Order #....:	M10PG1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	932 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 28	91	40 - 125
13C12-PCB 111	97	40 - 125
13C12-PCB 178	92	40 - 125

QUALIFIERS

- B Method blank contamination. The associated method blank contains the target analyte at a reportable level.
- C Co-eluting isomer.
- J Estimated Result.
- Q Estimated maximum possible concentration (EMPC).
- S Ion suppression.

TestAmerica Canton
Sample ID: MH41-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 008	Work Order #....:	M10PJ1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	919 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 1 (BZ)	40	J	220	1.1
PCB 2 (BZ)	ND		220	1.2
PCB 3 (BZ)	39	B J	220	1.4
PCB 4 (BZ)	65	Q B J	330	7.9
PCB 5 (BZ)	4.6	Q J	220	5.9
PCB 6 (BZ)	44	Q J	220	5.5
PCB 7 (BZ)	13	Q J	220	5.7
PCB 8 (BZ)	160	B J	330	5.4
PCB 9 (BZ)	15	Q J	220	5.7
PCB 10 (BZ)	4.8	Q J	220	6.2
PCB 11 (BZ)	220	B J	330	5.4
PCB 12 (BZ)	36	Q C J	330	5.6
PCB 13 (BZ)	36	Q C12 J	330	5.6
PCB 14 (BZ)	ND		220	4.8
PCB 15 (BZ)	140	Q B J	220	5.6
PCB 16 (BZ)	95	J	220	5.5
PCB 17 (BZ)	110	J	220	4.6
PCB 18 (BZ)	210	B C J	330	4.1
PCB 19 (BZ)	27	J	220	5.6
PCB 20 (BZ)	530	B C	220	3.0
PCB 21 (BZ)	220	B C	220	3.0
PCB 22 (BZ)	150	J	220	3.1
PCB 23 (BZ)	ND		220	3.2
PCB 24 (BZ)	ND		220	3.9
PCB 25 (BZ)	58	J	220	2.8
PCB 26 (BZ)	63	C J	220	3.0
PCB 27 (BZ)	19	J	220	3.3
PCB 28 (BZ)	530	B C20	220	3.0
PCB 29 (BZ)	63	C26 J	220	3.0
PCB 30 (BZ)	210	B C18 J	330	4.1
PCB 31 (BZ)	400	B	220	3.0
PCB 32 (BZ)	130	J	220	3.3
PCB 33 (BZ)	220	B C21	220	3.0
PCB 34 (BZ)	ND		220	3.1
PCB 35 (BZ)	36	J	220	3.2
PCB 36 (BZ)	4.8	Q J	220	3.1

TestAmerica Canton
Sample ID: MH41-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 008	Work Order #....:	M10PJ1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	919 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 37 (BZ)	230		220	3.2	pg/L
PCB 38 (BZ)	ND		220	3.3	pg/L
PCB 39 (BZ)	ND		220	2.9	pg/L
PCB 40 (BZ)	650	C	220	6.5	pg/L
PCB 41 (BZ)	650	C40	220	6.5	pg/L
PCB 42 (BZ)	350		220	6.6	pg/L
PCB 43 (BZ)	25	Q C J	220	6.0	pg/L
PCB 44 (BZ)	2400	B C	220	5.8	pg/L
PCB 45 (BZ)	460	C	220	6.7	pg/L
PCB 46 (BZ)	67	J	220	7.9	pg/L
PCB 47 (BZ)	2400	B C44	220	5.8	pg/L
PCB 48 (BZ)	140	J	220	6.4	pg/L
PCB 49 (BZ)	1900	B C	220	5.3	pg/L
PCB 50 (BZ)	450	C	220	6.2	pg/L
PCB 51 (BZ)	460	C45	220	6.7	pg/L
PCB 52 (BZ)	5500		220	6.2	pg/L
PCB 53 (BZ)	450	C50	220	6.2	pg/L
PCB 54 (BZ)	50	J	220	7.7	pg/L
PCB 55 (BZ)	25	Q J	220	5.0	pg/L
PCB 56 (BZ)	730		220	4.7	pg/L
PCB 57 (BZ)	ND		220	4.8	pg/L
PCB 58 (BZ)	19	Q J	220	4.7	pg/L
PCB 59 (BZ)	150	C J	220	4.6	pg/L
PCB 60 (BZ)	240		220	4.9	pg/L
PCB 61 (BZ)	4800	B C	220	4.6	pg/L
PCB 62 (BZ)	150	C59 J	220	4.6	pg/L
PCB 63 (BZ)	100	J	220	4.4	pg/L
PCB 64 (BZ)	780		220	4.4	pg/L
PCB 65 (BZ)	2400	B C44	220	5.8	pg/L
PCB 66 (BZ)	2600		220	4.6	pg/L
PCB 67 (BZ)	35	J	220	4.3	pg/L
PCB 68 (BZ)	61	J	220	4.3	pg/L
PCB 69 (BZ)	1900	B C49	220	5.3	pg/L
PCB 70 (BZ)	4800	B C61	220	4.6	pg/L
PCB 71 (BZ)	650	C40	220	6.5	pg/L
PCB 72 (BZ)	100	J	220	4.6	pg/L

TestAmerica Canton
Sample ID: MH41-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 008	Work Order #....:	M10PJ1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	919 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 73 (BZ)	25	Q C43 J	220	6.0	pg/L
PCB 74 (BZ)	4800	B C61	220	4.6	pg/L
PCB 75 (BZ)	150	C59 J	220	4.6	pg/L
PCB 76 (BZ)	4800	B C61	220	4.6	pg/L
PCB 77 (BZ)	300		220	4.4	pg/L
PCB 78 (BZ)	ND		220	4.9	pg/L
PCB 79 (BZ)	160	J	220	4.3	pg/L
PCB 80 (BZ)	ND		220	4.2	pg/L
PCB 81 (BZ)	ND		220	4.5	pg/L
PCB 82 (BZ)	2200		220	12	pg/L
PCB 83 (BZ)	11000	C	220	9.8	pg/L
PCB 84 (BZ)	4400		220	11	pg/L
PCB 85 (BZ)	3000	C	220	8.0	pg/L
PCB 86 (BZ)	11000	B C	220	8.2	pg/L
PCB 87 (BZ)	11000	B C86	220	8.2	pg/L
PCB 88 (BZ)	2000	C	220	9.9	pg/L
PCB 89 (BZ)	110	Q J	220	11	pg/L
PCB 90 (BZ)	22000	C	220	8.4	pg/L
PCB 91 (BZ)	2000	C88	220	9.9	pg/L
PCB 92 (BZ)	4100	.	220	9.5	pg/L
PCB 93 (BZ)	65	Q C J	220	9.5	pg/L
PCB 94 (BZ)	50	Q J	220	11	pg/L
PCB 95 (BZ)	17000		220	10	pg/L
PCB 96 (BZ)	87	J	220	8.0	pg/L
PCB 97 (BZ)	11000	B C86	220	8.2	pg/L
PCB 98 (BZ)	400	C	220	9.2	pg/L
PCB 99 (BZ)	11000	C83	220	9.8	pg/L
PCB 100 (BZ)	65	Q C93 J	220	9.5	pg/L
PCB 101 (BZ)	22000	C90	220	8.4	pg/L
PCB 102 (BZ)	400	C98	220	9.2	pg/L
PCB 103 (BZ)	310		220	9.4	pg/L
PCB 104 (BZ)	ND		220	7.2	pg/L
Monochlorobiphenyl (total)	79	J B	220	3.7	pg/L
PCB 105 (BZ)	6800		220	6.4	pg/L
Dichlorobiphenyl (total)	700	Q B J	330	64	pg/L
Trichlorobiphenyl (total)	2300	B Q	330	70	pg/L

TestAmerica Canton
 Sample ID: MH41-3Q13
 Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 008	Work Order #....:	M10PJ1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	919 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 106 (BZ)	ND		220	6.8	pg/L
Tetrachlorobiphenyl (total)	22000	Q B	220	150	pg/L
Pentachlorobiphenyl (total)	130000	Q B	220	250	pg/L
PCB 107 (BZ)/109 (IUPAC)	1500		220	6.6	pg/L
Hexachlorobiphenyl (total)	240000	Q B	220	470	pg/L
Heptachlorobiphenyl (total)	200000	Q	220	240	pg/L
PCB 108 (BZ)/107 (IUPAC)	680	C	220	6.9	pg/L
Octachlorobiphenyl (total)	68000		220	81	pg/L
Nonachlorobiphenyl (total)	5500		220	15	pg/L
PCB 109 (BZ)/108 (IUPAC)	11000	B C86	220	8.2	pg/L
PCB 110 (BZ)	26000	C	220	7.1	pg/L
PCB 111 (BZ)	42	Q J	220	6.7	pg/L
PCB 112 (BZ)	ND		220	7.3	pg/L
PCB 113 (BZ)	22000	C90	220	8.4	pg/L
PCB 114 (BZ)	310		220	6.0	pg/L
PCB 115 (BZ)	26000	C110	220	7.1	pg/L
PCB 116 (BZ)	3000	C85	220	8.0	pg/L
PCB 117 (BZ)	3000	C85	220	8.0	pg/L
PCB 118 (BZ)	19000		220	6.4	pg/L
PCB 119 (BZ)	11000	B C86	220	8.2	pg/L
PCB 120 (BZ)	120	Q J	220	6.9	pg/L
PCB 121 (BZ)	ND		220	7.0	pg/L
PCB 122 (BZ)	270		220	7.4	pg/L
PCB 123 (BZ)	300		220	6.7	pg/L
PCB 124 (BZ)	680	C108	220	6.9	pg/L
PCB 125 (BZ)	11000	B C86	220	8.2	pg/L
PCB 126 (BZ)	120	J	220	7.0	pg/L
PCB 127 (BZ)	44	Q J	220	6.7	pg/L
PCB 128 (BZ)	6500	C	220	14	pg/L
PCB 129 (BZ)	52000	C	220	15	pg/L
PCB 130 (BZ)	2800		220	19	pg/L
PCB 131 (BZ)	450		220	19	pg/L
PCB 132 (BZ)	15000		220	18	pg/L
PCB 133 (BZ)	710		220	18	pg/L
PCB 134 (BZ)	2200	C	220	19	pg/L
PCB 135 (BZ)	21000	C	220	18	pg/L

TestAmerica Canton
Sample ID: MH41-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 008	Work Order #....:	M10PJ1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	919 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 136 (BZ)	5900		220	13	pg/L
PCB 137 (BZ)	1500		220	16	pg/L
PCB 138 (BZ)	52000	C129	220	15	pg/L
PCB 139 (BZ)	680	C	220	16	pg/L
PCB 140 (BZ)	680	C139	220	16	pg/L
PCB 141 (BZ)	11000		220	17	pg/L
PCB 142 (BZ)	ND		220	19	pg/L
PCB 143 (BZ)	2200	C134	220	19	pg/L
PCB 144 (BZ)	2300		220	16	pg/L
PCB 145 (BZ)	ND		220	12	pg/L
PCB 146 (BZ)	8200		220	15	pg/L
PCB 147 (BZ)	44000	B C	220	16	pg/L
PCB 148 (BZ)	51	Q J	220	17	pg/L
PCB 149 (BZ)	44000	B C147	220	16	pg/L
PCB 150 (BZ)	41	J	220	12	pg/L
PCB 151 (BZ)	21000	C135	220	18	pg/L
PCB 152 (BZ)	23	J	220	12	pg/L
PCB 153 (BZ)	51000	B C	220	13	pg/L
PCB 154 (BZ)	570		220	14	pg/L
PCB 155 (BZ)	ND		220	12	pg/L
PCB 156 (BZ)	4200	C	220	17	pg/L
PCB 157 (BZ)	4200	C156	220	17	pg/L
PCB 158 (BZ)	4500		220	11	pg/L
PCB 159 (BZ)	840		220	12	pg/L
PCB 160 (BZ)	52000	C129	220	15	pg/L
PCB 161 (BZ)	ND		220	12	pg/L
PCB 162 (BZ)	160	J	220	12	pg/L
PCB 163 (BZ)	52000	C129	220	15	pg/L
PCB 164 (BZ)	3400		220	13	pg/L
PCB 165 (BZ)	ND		220	13	pg/L
PCB 166 (BZ)	6500	C128	220	14	pg/L
PCB 167 (BZ)	1500		220	9.2	pg/L
PCB 168 (BZ)	51000	B C153	220	13	pg/L
PCB 169 (BZ)	210	J	220	8.7	pg/L
PCB 170 (BZ)	20000		220	14	pg/L
PCB 171 (BZ)	6000	C	220	14	pg/L

TestAmerica Canton
Sample ID: MH41-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 008	Work Order #....:	M10PJ1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	919 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 172 (BZ)	3900		220	14	pg/L
PCB 173 (BZ)	6000	C171	220	14	pg/L
PCB 174 (BZ)	26000		220	13	pg/L
PCB 175 (BZ)	780		220	13	pg/L
PCB 176 (BZ)	2800		220	9.6	pg/L
PCB 177 (BZ)	14000		220	13	pg/L
PCB 178 (BZ)	5000		220	14	pg/L
PCB 179 (BZ)	10000		220	10	pg/L
PCB 180 (BZ)	57000	C	220	11	pg/L
PCB 181 (BZ)	100	Q J	220	13	pg/L
PCB 182 (BZ)	200	Q J	220	12	pg/L
PCB 183 (BZ)	18000	C	220	12	pg/L
PCB 184 (BZ)	ND		220	10	pg/L
PCB 185 (BZ)	18000	C183	220	12	pg/L
PCB 186 (BZ)	ND		220	10	pg/L
PCB 187 (BZ)	35000		220	12	pg/L
PCB 188 (BZ)	20	J	220	9.4	pg/L
PCB 189 (BZ)	640		220	8.9	pg/L
PCB 190 (BZ)	3700		220	9.7	pg/L
PCB 191 (BZ)	920		220	9.6	pg/L
PCB 192 (BZ)	ND		220	11	pg/L
PCB 193 (BZ)	57000	C180	220	11	pg/L
PCB 194 (BZ)	17000		220	8.3	pg/L
PCB 195 (BZ)	6600		220	9.0	pg/L
PCB 196 (BZ)	7700		220	8.5	pg/L
PCB 197 (BZ)	550		220	6.3	pg/L
PCB 198 (BZ)	18000	C	220	8.8	pg/L
PCB 201 (BZ)/199 (IUPAC)	18000	C198	220	8.8	pg/L
PCB 199 (BZ)/200 (IUPAC)	1900		220	6.2	pg/L
PCB 200 (BZ)/201 (IUPAC)	1900		220	6.0	pg/L
PCB 202 (BZ)	2900		220	6.8	pg/L
PCB 203 (BZ)	10000		220	7.9	pg/L
PCB 204 (BZ)	ND		220	6.6	pg/L
PCB 205 (BZ)	850		220	7.0	pg/L
PCB 206 (BZ)	4100		220	6.0	pg/L
PCB 207 (BZ)	470		220	4.5	pg/L

TestAmerica Canton
 Sample ID: MH41-3Q13
 Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 008	Work Order #....:	M10PJ1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	919 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 208 (BZ)	890	220	4.9	pg/L
PCB 209 (BZ)	530	B	6.8	pg/L

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 1	61	30 - 140
13C12-PCB 3	62	30 - 140
13C12-PCB 4	75	30 - 140
13C12-PCB 15	76	30 - 140
13C12-PCB 19	79	30 - 140
13C12-PCB 37	78	30 - 140
13C12-PCB 54	69	30 - 140
13C12-PCB 77	78	30 - 140
13C12-PCB 81	75	30 - 140
13C12-PCB 104	73	30 - 140
13C12-PCB 105	68	30 - 140
13C12-PCB 114	69	30 - 140
13C12-PCB 118	66	30 - 140
13C12-PCB 123	66	30 - 140
13C12-PCB 126	65	30 - 140
13C12-PCB 155	78	30 - 140
13C12-PCB 156	73	C
13C12-PCB 157	73	C
13C12-PCB 167	75	30 - 140
13C12-PCB 169	74	30 - 140
13C12-PCB 170	76	30 - 140
13C12-PCB 188	74	30 - 140
13C12-PCB 189	74	30 - 140
13C12-PCB 202	87	30 - 140
13C12-PCB 205	65	30 - 140
13C12-PCB 206	86	30 - 140
13C12-PCB 208	79	30 - 140
13C12-PCB 209	78	30 - 140

TestAmerica Canton
Sample ID: MH41-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 008	Work Order #....:	M10PJ1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	919 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 28	95	40 - 125
13C12-PCB 111	100	40 - 125
13C12-PCB 178	98	40 - 125

QUALIFIERS

- B Method blank contamination. The associated method blank contains the target analyte at a reportable level.
- C Co-eluting isomer.
- J Estimated Result.
- Q Estimated maximum possible concentration (EMPC).

TestAmerica Canton
Sample ID: MH175-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 009	Work Order #....:	M10PK1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	942 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS	
PCB 1 (BZ)	ND	210	0.85	pg/L	
PCB 2 (BZ)	ND	210	1.0	pg/L	
PCB 3 (BZ)	ND	210	1.3	pg/L	
PCB 4 (BZ)	20	Q B J	320	pg/L	
PCB 5 (BZ)	ND	210	6.8	pg/L	
PCB 6 (BZ)	6.1	Q J	210	pg/L	
PCB 7 (BZ)	ND	210	6.6	pg/L	
PCB 8 (BZ)	17	Q B J	320	pg/L	
PCB 9 (BZ)	ND	210	6.6	pg/L	
PCB 10 (BZ)	5.2	Q J	210	pg/L	
PCB 11 (BZ)	24	Q B J	320	pg/L	
PCB 12 (BZ)	12	Q C J	320	pg/L	
PCB 13 (BZ)	12	Q C12 J	320	pg/L	
PCB 14 (BZ)	ND	210	5.6	pg/L	
PCB 15 (BZ)	26	Q B J	210	pg/L	
PCB 16 (BZ)	20	Q J	210	5.4	pg/L
PCB 17 (BZ)	14	Q J	210	4.5	pg/L
PCB 18 (BZ)	59	B C J	320	pg/L	
PCB 19 (BZ)	17	Q J	210	5.5	pg/L
PCB 20 (BZ)	48	B C J	210	2.8	pg/L
PCB 21 (BZ)	10	Q B C J	210	2.8	pg/L
PCB 22 (BZ)	7.8	Q J	210	2.9	pg/L
PCB 23 (BZ)	ND	210	2.9	pg/L	
PCB 24 (BZ)	ND	210	3.8	pg/L	
PCB 25 (BZ)	ND	210	2.6	pg/L	
PCB 26 (BZ)	14	Q C J	210	2.8	pg/L
PCB 27 (BZ)	4.5	Q J	210	3.3	pg/L
PCB 28 (BZ)	48	B C20 J	210	2.8	pg/L
PCB 29 (BZ)	14	Q C26 J	210	2.8	pg/L
PCB 30 (BZ)	59	B C18 J	320	4.0	pg/L
PCB 31 (BZ)	38	B J	210	2.8	pg/L
PCB 32 (BZ)	26	J	210	3.2	pg/L
PCB 33 (BZ)	10	Q B C21 J	210	2.8	pg/L
PCB 34 (BZ)	ND	210	2.9	pg/L	
PCB 35 (BZ)	ND	210	3.0	pg/L	
PCB 36 (BZ)	ND	210	2.9	pg/L	

TestAmerica Canton
Sample ID: MH175-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 009	Work Order #....:	M10PK1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	942 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 37 (BZ)	15	J	210	3.0	pg/L
PCB 38 (BZ)	ND		210	3.0	pg/L
PCB 39 (BZ)	ND		210	2.7	pg/L
PCB 40 (BZ)	59	C J	210	5.0	pg/L
PCB 41 (BZ)	59	C40 J	210	5.0	pg/L
PCB 42 (BZ)	23	Q J	210	5.1	pg/L
PCB 43 (BZ)	ND		210	4.7	pg/L
PCB 44 (BZ)	200	B C J	210	4.5	pg/L
PCB 45 (BZ)	26	Q C J	210	5.2	pg/L
PCB 46 (BZ)	ND		210	6.1	pg/L
PCB 47 (BZ)	200	B C44 J	210	4.5	pg/L
PCB 48 (BZ)	ND		210	5.0	pg/L
PCB 49 (BZ)	130	B C J	210	4.1	pg/L
PCB 50 (BZ)	22	Q C J	210	4.8	pg/L
PCB 51 (BZ)	26	Q C45 J	210	5.2	pg/L
PCB 52 (BZ)	690		210	4.8	pg/L
PCB 53 (BZ)	22	Q C50 J	210	4.8	pg/L
PCB 54 (BZ)	ND		210	6.2	pg/L
PCB 55 (BZ)	ND		210	3.9	pg/L
PCB 56 (BZ)	48	J	210	3.6	pg/L
PCB 57 (BZ)	ND		210	3.7	pg/L
PCB 58 (BZ)	ND		210	3.7	pg/L
PCB 59 (BZ)	ND		210	3.6	pg/L
PCB 60 (BZ)	11	Q J	210	3.8	pg/L
PCB 61 (BZ)	220	B C	210	3.6	pg/L
PCB 62 (BZ)	ND		210	3.6	pg/L
PCB 63 (BZ)	ND		210	3.4	pg/L
PCB 64 (BZ)	50	J	210	3.4	pg/L
PCB 65 (BZ)	200	B C44 J	210	4.5	pg/L
PCB 66 (BZ)	120	J	210	3.5	pg/L
PCB 67 (BZ)	ND		210	3.3	pg/L
PCB 68 (BZ)	ND		210	3.3	pg/L
PCB 69 (BZ)	130	B C49 J	210	4.1	pg/L
PCB 70 (BZ)	220	B C61	210	3.6	pg/L
PCB 71 (BZ)	59	C40 J	210	5.0	pg/L
PCB 72 (BZ)	ND		210	3.6	pg/L

TestAmerica Canton
Sample ID: MH175-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 009	Work Order #....:	M10PK1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	942 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 73 (BZ)	ND		210	4.7	pg/L
PCB 74 (BZ)	220	B C61	210	3.6	pg/L
PCB 75 (BZ)	ND		210	3.6	pg/L
PCB 76 (BZ)	220	B C61	210	3.6	pg/L
PCB 77 (BZ)	5.7	Q J	210	3.6	pg/L
PCB 78 (BZ)	ND		210	3.8	pg/L
PCB 79 (BZ)	ND		210	3.3	pg/L
PCB 80 (BZ)	ND		210	3.3	pg/L
PCB 81 (BZ)	ND		210	3.3	pg/L
PCB 82 (BZ)	58	J	210	8.8	pg/L
PCB 83 (BZ)	400	C	210	7.4	pg/L
PCB 84 (BZ)	220		210	8.4	pg/L
PCB 85 (BZ)	63	C J	210	6.1	pg/L
PCB 86 (BZ)	560	B C	210	6.2	pg/L
PCB 87 (BZ)	560	B C86	210	6.2	pg/L
PCB 88 (BZ)	63	C J	210	7.5	pg/L
PCB 89 (BZ)	ND		210	8.1	pg/L
PCB 90 (BZ)	3300	C	210	6.3	pg/L
PCB 91 (BZ)	63	C88 J	210	7.5	pg/L
PCB 92 (BZ)	490		210	7.2	pg/L
PCB 93 (BZ)	15	Q C J	210	7.2	pg/L
PCB 94 (BZ)	ND		210	8.1	pg/L
PCB 95 (BZ)	4300		210	7.7	pg/L
PCB 96 (BZ)	ND		210	6.1	pg/L
PCB 97 (BZ)	560	B C86	210	6.2	pg/L
PCB 98 (BZ)	ND		210	7.0	pg/L
PCB 99 (BZ)	400	C83	210	7.4	pg/L
PCB 100 (BZ)	15	Q C93 J	210	7.2	pg/L
PCB 101 (BZ)	3300	C90	210	6.3	pg/L
PCB 102 (BZ)	ND		210	7.0	pg/L
PCB 103 (BZ)	35	Q J	210	7.1	pg/L
PCB 104 (BZ)	ND		210	5.4	pg/L
Monochlorobiphenyl (total)	ND		210	3.2	pg/L
PCB 105 (BZ)	150	J	210	4.7	pg/L
Dichlorobiphenyl (total)	110	Q B J	320	73	pg/L
Trichlorobiphenyl (total)	270	Q J B	320	67	pg/L

TestAmerica Canton
Sample ID: MH175-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 009	Work Order #....:	M10PK1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	942 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 106 (BZ)	ND		210	5.0	pg/L
Tetrachlorobiphenyl (total)	1600	Q B	210	120	pg/L
Pentachlorobiphenyl (total)	12000	Q B	210	190	pg/L
PCB 107 (BZ)/109 (IUPAC)	33	Q J	210	4.8	pg/L
Hexachlorobiphenyl (total)	34000	Q B	210	290	pg/L
Heptachlorobiphenyl (total)	22000	Q	210	160	pg/L
PCB 108 (BZ)/107 (IUPAC)	23	C J	210	5.1	pg/L
Octachlorobiphenyl (total)	4600	Q	210	73	pg/L
Nonachlorobiphenyl (total)	230	J	210	13	pg/L
PCB 109 (BZ)/108 (IUPAC)	560	B C86	210	6.2	pg/L
PCB 110 (BZ)	1600	C	210	5.4	pg/L
PCB 111 (BZ)	ND		210	5.1	pg/L
PCB 112 (BZ)	ND		210	5.5	pg/L
PCB 113 (BZ)	3300	C90	210	6.3	pg/L
PCB 114 (BZ)	13	J	210	4.5	pg/L
PCB 115 (BZ)	1600	C110	210	5.4	pg/L
PCB 116 (BZ)	63	C85 J	210	6.1	pg/L
PCB 117 (BZ)	63	C85 J	210	6.1	pg/L
PCB 118 (BZ)	490		210	4.7	pg/L
PCB 119 (BZ)	560	B C86	210	6.2	pg/L
PCB 120 (BZ)	ND		210	5.2	pg/L
PCB 121 (BZ)	ND		210	5.3	pg/L
PCB 122 (BZ)	ND		210	5.4	pg/L
PCB 123 (BZ)	ND		210	4.9	pg/L
PCB 124 (BZ)	23	C108 J	210	5.1	pg/L
PCB 125 (BZ)	560	B C86	210	6.2	pg/L
PCB 126 (BZ)	ND		210	5.0	pg/L
PCB 127 (BZ)	ND		210	4.9	pg/L
PCB 128 (BZ)	380	C	210	8.7	pg/L
PCB 129 (BZ)	5900	C	210	9.0	pg/L
PCB 130 (BZ)	180	Q J	210	12	pg/L
PCB 131 (BZ)	46	J	210	12	pg/L
PCB 132 (BZ)	2000		210	11	pg/L
PCB 133 (BZ)	88	J	210	11	pg/L
PCB 134 (BZ)	330	C	210	12	pg/L
PCB 135 (BZ)	4200	C	210	11	pg/L

TestAmerica Canton
Sample ID: MH175-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 009	Work Order #....:	M10PK1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	942 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 136 (BZ)	1500		210	8.3	pg/L
PCB 137 (BZ)	25	J	210	10	pg/L
PCB 138 (BZ)	5900	C129	210	9.0	pg/L
PCB 139 (BZ)	33	C J	210	10	pg/L
PCB 140 (BZ)	33	C139 J	210	10	pg/L
PCB 141 (BZ)	1900		210	10	pg/L
PCB 142 (BZ)	ND		210	11	pg/L
PCB 143 (BZ)	330	C134	210	12	pg/L
PCB 144 (BZ)	510		210	10	pg/L
PCB 145 (BZ)	ND		210	7.9	pg/L
PCB 146 (BZ)	940		210	9.5	pg/L
PCB 147 (BZ)	7500	B C	210	9.7	pg/L
PCB 148 (BZ)	ND		210	11	pg/L
PCB 149 (BZ)	7500	B C147	210	9.7	pg/L
PCB 150 (BZ)	ND		210	7.7	pg/L
PCB 151 (BZ)	4200	C135	210	11	pg/L
PCB 152 (BZ)	ND		210	7.9	pg/L
PCB 153 (BZ)	6700	B C	210	7.8	pg/L
PCB 154 (BZ)	31	Q J	210	9.2	pg/L
PCB 155 (BZ)	ND		210	7.5	pg/L
PCB 156 (BZ)	270	C	210	10	pg/L
PCB 157 (BZ)	270	C156	210	10	pg/L
PCB 158 (BZ)	490		210	7.1	pg/L
PCB 159 (BZ)	99	Q J	210	7.6	pg/L
PCB 160 (BZ)	5900	C129	210	9.0	pg/L
PCB 161 (BZ)	ND		210	7.6	pg/L
PCB 162 (BZ)	ND		210	7.5	pg/L
PCB 163 (BZ)	5900	C129	210	9.0	pg/L
PCB 164 (BZ)	480		210	7.9	pg/L
PCB 165 (BZ)	ND		210	8.3	pg/L
PCB 166 (BZ)	380	C128	210	8.7	pg/L
PCB 167 (BZ)	110	J	210	5.6	pg/L
PCB 168 (BZ)	6700	B C153	210	7.8	pg/L
PCB 169 (BZ)	14	Q J	210	5.4	pg/L
PCB 170 (BZ)	2200		210	9.6	pg/L
PCB 171 (BZ)	750	C	210	9.6	pg/L

TestAmerica Canton
Sample ID: MH175-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 009	Work Order #....:	M10PK1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	942 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 172 (BZ)	420		210	9.5	pg/L
PCB 173 (BZ)	750	C171	210	9.6	pg/L
PCB 174 (BZ)	3000		210	8.9	pg/L
PCB 175 (BZ)	99	Q J	210	8.5	pg/L
PCB 176 (BZ)	410		210	6.5	pg/L
PCB 177 (BZ)	1600		210	9.1	pg/L
PCB 178 (BZ)	570		210	9.2	pg/L
PCB 179 (BZ)	1500		210	6.8	pg/L
PCB 180 (BZ)	5500	C	210	7.2	pg/L
PCB 181 (BZ)	ND		210	8.5	pg/L
PCB 182 (BZ)	ND		210	8.3	pg/L
PCB 183 (BZ)	2000	C	210	8.4	pg/L
PCB 184 (BZ)	ND		210	7.0	pg/L
PCB 185 (BZ)	2000	C183	210	8.4	pg/L
PCB 186 (BZ)	ND		210	6.8	pg/L
PCB 187 (BZ)	3300		210	7.9	pg/L
PCB 188 (BZ)	ND		210	6.2	pg/L
PCB 189 (BZ)	69	J	210	5.8	pg/L
PCB 190 (BZ)	440		210	6.6	pg/L
PCB 191 (BZ)	99	Q J	210	6.5	pg/L
PCB 192 (BZ)	ND		210	7.2	pg/L
PCB 193 (BZ)	5500	C180	210	7.2	pg/L
PCB 194 (BZ)	1100		210	6.8	pg/L
PCB 195 (BZ)	470	Q	210	7.4	pg/L
PCB 196 (BZ)	580		210	7.9	pg/L
PCB 197 (BZ)	39	Q J	210	5.9	pg/L
PCB 198 (BZ)	1200	C	210	8.2	pg/L
PCB 201 (BZ)/199 (IUPAC)	1200	C198	210	8.2	pg/L
PCB 199 (BZ)/200 (IUPAC)	140	J	210	5.8	pg/L
PCB 200 (BZ)/201 (IUPAC)	140	J	210	5.6	pg/L
PCB 202 (BZ)	200	J	210	6.3	pg/L
PCB 203 (BZ)	680		210	7.3	pg/L
PCB 204 (BZ)	ND		210	6.1	pg/L
PCB 205 (BZ)	70	J	210	5.7	pg/L
PCB 206 (BZ)	180	J	210	5.3	pg/L
PCB 207 (BZ)	26	J	210	3.9	pg/L

TestAmerica Canton
Sample ID: MH175-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 009	Work Order #....:	M10PK1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	942 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 208 (BZ)	26	J	4.2	pg/L
PCB 209 (BZ)	9.9	Q B J	3.9	pg/L

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 1	73	30 - 140
13C12-PCB 3	69	30 - 140
13C12-PCB 4	83	30 - 140
13C12-PCB 15	86	30 - 140
13C12-PCB 19	86	30 - 140
13C12-PCB 37	89	30 - 140
13C12-PCB 54	75	30 - 140
13C12-PCB 77	87	30 - 140
13C12-PCB 81	88	30 - 140
13C12-PCB 104	84	30 - 140
13C12-PCB 105	80	30 - 140
13C12-PCB 114	80	30 - 140
13C12-PCB 118	78	30 - 140
13C12-PCB 123	77	30 - 140
13C12-PCB 126	80	30 - 140
13C12-PCB 155	91	30 - 140
13C12-PCB 156	91	C 30 - 140
13C12-PCB 157	91	C 30 - 140
13C12-PCB 167	95	30 - 140
13C12-PCB 169	98	30 - 140
13C12-PCB 170	93	30 - 140
13C12-PCB 188	93	30 - 140
13C12-PCB 189	87	30 - 140
13C12-PCB 202	105	30 - 140
13C12-PCB 205	81	30 - 140
13C12-PCB 206	99	30 - 140
13C12-PCB 208	94	30 - 140
13C12-PCB 209	93	30 - 140

TestAmerica Canton
Sample ID: MH175-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 009	Work Order #....:	M10PK1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	942 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Melissa A. Davidson				

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 28	97	40 - 125
13C12-PCB 111	99	40 - 125
13C12-PCB 178	98	40 - 125

QUALIFIERS

- B Method blank contamination. The associated method blank contains the target analyte at a reportable level.
- C Co-eluting isomer.
- J Estimated Result.
- Q Estimated maximum possible concentration (EMPC).

TestAmerica Canton
Sample ID: MH181-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 010	Work Order #....:	M10PL1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	931 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 1 (BZ)	2.5	J	43	0.25
PCB 2 (BZ)	2.6	Q J	43	0.29
PCB 3 (BZ)	3.1	Q B J	43	0.32
PCB 4 (BZ)	7.7	Q B J	64	1.8
PCB 5 (BZ)	1.7	Q J	43	1.4
PCB 6 (BZ)	3.8	Q J	43	1.4
PCB 7 (BZ)	1.0	Q J	43	1.4
PCB 8 (BZ)	9.1	Q B J	64	1.3
PCB 9 (BZ)	1.9	Q J	43	1.4
PCB 10 (BZ)	ND		43	1.5
PCB 11 (BZ)	38	Q B J	64	1.3
PCB 12 (BZ)	3.0	Q C J	64	1.4
PCB 13 (BZ)	3.0	Q C12 J	64	1.4
PCB 14 (BZ)	ND		43	1.2
PCB 15 (BZ)	10	Q B J	43	1.4
PCB 16 (BZ)	8.5	Q J	43	1.3
PCB 17 (BZ)	8.9	J	43	1.1
PCB 18 (BZ)	25	B C J	64	0.93
PCB 19 (BZ)	7.7	Q J	43	1.3
PCB 20 (BZ)	25	B C J	43	0.62
PCB 21 (BZ)	10	B C J	43	0.63
PCB 22 (BZ)	8.3	J	43	0.64
PCB 23 (BZ)	ND		43	0.65
PCB 24 (BZ)	ND		43	0.88
PCB 25 (BZ)	2.6	J	43	0.58
PCB 26 (BZ)	5.9	C J	43	0.61
PCB 27 (BZ)	2.5	Q J	43	0.76
PCB 28 (BZ)	25	B C20 J	43	0.62
PCB 29 (BZ)	5.9	C26 J	43	0.61
PCB 30 (BZ)	25	B C18 J	64	0.93
PCB 31 (BZ)	18	B J	43	0.61
PCB 32 (BZ)	11	Q J	43	0.75
PCB 33 (BZ)	10	B C21 J	43	0.63
PCB 34 (BZ)	ND		43	0.64
PCB 35 (BZ)	2.2	Q J	43	0.66
PCB 36 (BZ)	ND		43	0.63

TestAmerica Canton
Sample ID: MH181-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 010	Work Order #....:	M10PL1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	931 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 37 (BZ)	9.0	J	43	0.65	pg/L
PCB 38 (BZ)	ND		43	0.67	pg/L
PCB 39 (BZ)	ND		43	0.60	pg/L
PCB 40 (BZ)	27	C J	43	1.2	pg/L
PCB 41 (BZ)	27	C40 J	43	1.2	pg/L
PCB 42 (BZ)	9.9	J	43	1.3	pg/L
PCB 43 (BZ)	3.2	Q C J	43	1.2	pg/L
PCB 44 (BZ)	72	B C	43	1.1	pg/L
PCB 45 (BZ)	19	C J	43	1.3	pg/L
PCB 46 (BZ)	4.4	Q J	43	1.5	pg/L
PCB 47 (BZ)	72	B C44	43	1.1	pg/L
PCB 48 (BZ)	4.9	Q J	43	1.2	pg/L
PCB 49 (BZ)	47	B C	43	1.0	pg/L
PCB 50 (BZ)	12	Q C J	43	1.2	pg/L
PCB 51 (BZ)	19	C45 J	43	1.3	pg/L
PCB 52 (BZ)	250		43	1.2	pg/L
PCB 53 (BZ)	12	Q C50 J	43	1.2	pg/L
PCB 54 (BZ)	ND		43	1.3	pg/L
PCB 55 (BZ)	ND		43	0.96	pg/L
PCB 56 (BZ)	24	J	43	0.91	pg/L
PCB 57 (BZ)	ND		43	0.92	pg/L
PCB 58 (BZ)	ND		43	0.91	pg/L
PCB 59 (BZ)	3.5	Q C J	43	0.88	pg/L
PCB 60 (BZ)	9.5	J	43	0.93	pg/L
PCB 61 (BZ)	100	B C	43	0.88	pg/L
PCB 62 (BZ)	3.5	Q C59 J	43	0.88	pg/L
PCB 63 (BZ)	ND		43	0.85	pg/L
PCB 64 (BZ)	20	J	43	0.84	pg/L
PCB 65 (BZ)	72	B C44	43	1.1	pg/L
PCB 66 (BZ)	52		43	0.88	pg/L
PCB 67 (BZ)	ND		43	0.82	pg/L
PCB 68 (BZ)	1.7	J	43	0.83	pg/L
PCB 69 (BZ)	47	B C49	43	1.0	pg/L
PCB 70 (BZ)	100	B C61	43	0.88	pg/L
PCB 71 (BZ)	27	C40 J	43	1.2	pg/L
PCB 72 (BZ)	ND		43	0.89	pg/L

TestAmerica Canton
Sample ID: MH181-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 010	Work Order #....:	M10PL1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	931 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 73 (BZ)	3.2	Q C43 J	43	1.2 pg/L
PCB 74 (BZ)	100	B C61	43	0.88 pg/L
PCB 75 (BZ)	3.5	Q C59 J	43	0.88 pg/L
PCB 76 (BZ)	100	B C61	43	0.88 pg/L
PCB 77 (BZ)	6.4	J	43	0.86 pg/L
PCB 78 (BZ)	ND		43	0.95 pg/L
PCB 79 (BZ)	2.6	Q J	43	0.83 pg/L
PCB 80 (BZ)	ND		43	0.81 pg/L
PCB 81 (BZ)	ND		43	0.85 pg/L
PCB 82 (BZ)	29	J	43	1.9 pg/L
PCB 83 (BZ)	180	C	43	1.6 pg/L
PCB 84 (BZ)	98		43	1.9 pg/L
PCB 85 (BZ)	30	Q C J	43	1.3 pg/L
PCB 86 (BZ)	280	B C	43	1.4 pg/L
PCB 87 (BZ)	280	B C86	43	1.4 pg/L
PCB 88 (BZ)	24	C J	43	1.7 pg/L
PCB 89 (BZ)	ND		43	1.8 pg/L
PCB 90 (BZ)	1400	C	43	1.4 pg/L
PCB 91 (BZ)	24	C88 J	43	1.7 pg/L
PCB 92 (BZ)	210		43	1.6 pg/L
PCB 93 (BZ)	5.3	Q C J	43	1.6 pg/L
PCB 94 (BZ)	ND		43	1.8 pg/L
PCB 95 (BZ)	1700		43	1.7 pg/L
PCB 96 (BZ)	ND		43	1.3 pg/L
PCB 97 (BZ)	280	B C86	43	1.4 pg/L
PCB 98 (BZ)	8.3	Q C J	43	1.5 pg/L
PCB 99 (BZ)	180	C83	43	1.6 pg/L
PCB 100 (BZ)	5.3	Q C93 J	43	1.6 pg/L
PCB 101 (BZ)	1400	C90	43	1.4 pg/L
PCB 102 (BZ)	8.3	Q C98 J	43	1.5 pg/L
PCB 103 (BZ)	16	J	43	1.6 pg/L
PCB 104 (BZ)	ND		43	1.2 pg/L
Monochlorobiphenyl (total)	8.2	J Q B	43	0.86 pg/L
PCB 105 (BZ)	83		43	1.1 pg/L
Dichlorobiphenyl (total)	76	Q B J	64	16 pg/L
Trichlorobiphenyl (total)	150	Q J B	64	15 pg/L

TestAmerica Canton
Sample ID: MH181-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 010	Work Order #....:	M10PL1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	931 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 106 (BZ)	ND	43	1.1	pg/L
Tetrachlorobiphenyl (total)	670	Q B	29	pg/L
Pentachlorobiphenyl (total)	5100	Q B	42	pg/L
PCB 107 (BZ)/109 (IUPAC)	18	J	1.1	pg/L
Hexachlorobiphenyl (total)	15000	Q B	67	pg/L
Heptachlorobiphenyl (total)	10000	Q	33	pg/L
PCB 108 (BZ)/107 (IUPAC)	11	C J	1.2	pg/L
Octachlorobiphenyl (total)	2300	Q	15	pg/L
Nonachlorobiphenyl (total)	130		3.6	pg/L
PCB 109 (BZ)/108 (IUPAC)	280	B C86	1.4	pg/L
PCB 110 (BZ)	700	C	1.2	pg/L
PCB 111 (BZ)	ND	43	1.1	pg/L
PCB 112 (BZ)	ND	43	1.2	pg/L
PCB 113 (BZ)	1400	C90	1.4	pg/L
PCB 114 (BZ)	6.4	J	1.0	pg/L
PCB 115 (BZ)	700	C110	1.2	pg/L
PCB 116 (BZ)	30	Q C85 J	1.3	pg/L
PCB 117 (BZ)	30	Q C85 J	1.3	pg/L
PCB 118 (BZ)	240		1.0	pg/L
PCB 119 (BZ)	280	B C86	1.4	pg/L
PCB 120 (BZ)	3.2	J	1.2	pg/L
PCB 121 (BZ)	ND	43	1.2	pg/L
PCB 122 (BZ)	2.2	Q J	1.2	pg/L
PCB 123 (BZ)	2.7	Q J	1.1	pg/L
PCB 124 (BZ)	11	C108 J	1.2	pg/L
PCB 125 (BZ)	280	B C86	1.4	pg/L
PCB 126 (BZ)	1.9	Q J	1.2	pg/L
PCB 127 (BZ)	ND	43	1.1	pg/L
PCB 128 (BZ)	180	C	2.1	pg/L
PCB 129 (BZ)	2700	C	2.2	pg/L
PCB 130 (BZ)	98		2.8	pg/L
PCB 131 (BZ)	14	Q J	2.9	pg/L
PCB 132 (BZ)	900		2.8	pg/L
PCB 133 (BZ)	37	J	2.7	pg/L
PCB 134 (BZ)	150	C	2.8	pg/L
PCB 135 (BZ)	1800	C	2.2	pg/L

TestAmerica Canton
Sample ID: MH181-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 010	Work Order #....:	M10PL1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	931 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 136 (BZ)	610		43	1.6	pg/L
PCB 137 (BZ)	9.4	Q J	43	2.4	pg/L
PCB 138 (BZ)	2700	C129	43	2.2	pg/L
PCB 139 (BZ)	14	C J	43	2.4	pg/L
PCB 140 (BZ)	14	C139 J	43	2.4	pg/L
PCB 141 (BZ)	850		43	2.5	pg/L
PCB 142 (BZ)	ND		43	2.8	pg/L
PCB 143 (BZ)	150	C134	43	2.8	pg/L
PCB 144 (BZ)	210		43	2.0	pg/L
PCB 145 (BZ)	ND		43	1.5	pg/L
PCB 146 (BZ)	420		43	2.3	pg/L
PCB 147 (BZ)	3300	B C	43	2.4	pg/L
PCB 148 (BZ)	ND		43	2.1	pg/L
PCB 149 (BZ)	3300	B C147	43	2.4	pg/L
PCB 150 (BZ)	ND		43	1.5	pg/L
PCB 151 (BZ)	1800	C135	43	2.2	pg/L
PCB 152 (BZ)	ND		43	1.5	pg/L
PCB 153 (BZ)	3000	B C	43	1.9	pg/L
PCB 154 (BZ)	12	Q J	43	1.8	pg/L
PCB 155 (BZ)	ND		43	1.5	pg/L
PCB 156 (BZ)	130	C	43	2.4	pg/L
PCB 157 (BZ)	130	C156	43	2.4	pg/L
PCB 158 (BZ)	220		43	1.7	pg/L
PCB 159 (BZ)	45		43	1.9	pg/L
PCB 160 (BZ)	2700	C129	43	2.2	pg/L
PCB 161 (BZ)	ND		43	1.8	pg/L
PCB 162 (BZ)	2.6	Q J	43	1.8	pg/L
PCB 163 (BZ)	2700	C129	43	2.2	pg/L
PCB 164 (BZ)	210		43	1.9	pg/L
PCB 165 (BZ)	ND		43	2.0	pg/L
PCB 166 (BZ)	180	C128	43	2.1	pg/L
PCB 167 (BZ)	51		43	1.3	pg/L
PCB 168 (BZ)	3000	B C153	43	1.9	pg/L
PCB 169 (BZ)	9.8	Q J	43	1.5	pg/L
PCB 170 (BZ)	1100		43	1.9	pg/L
PCB 171 (BZ)	340	C	43	1.9	pg/L

TestAmerica Canton
Sample ID: MH181-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 010	Work Order #....:	M10PL1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	931 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 172 (BZ)	200	43	1.9	pg/L
PCB 173 (BZ)	340	C171	1.9	pg/L
PCB 174 (BZ)	1400		1.8	pg/L
PCB 175 (BZ)	42	Q J	1.7	pg/L
PCB 176 (BZ)	160		1.3	pg/L
PCB 177 (BZ)	710		1.9	pg/L
PCB 178 (BZ)	250		1.9	pg/L
PCB 179 (BZ)	570		1.4	pg/L
PCB 180 (BZ)	2700	C	1.5	pg/L
PCB 181 (BZ)	7.6	J	1.7	pg/L
PCB 182 (BZ)	ND		1.7	pg/L
PCB 183 (BZ)	850	C	1.7	pg/L
PCB 184 (BZ)	ND		1.4	pg/L
PCB 185 (BZ)	850	C183	1.7	pg/L
PCB 186 (BZ)	ND		1.4	pg/L
PCB 187 (BZ)	1500		1.6	pg/L
PCB 188 (BZ)	ND		1.3	pg/L
PCB 189 (BZ)	35	J	1.2	pg/L
PCB 190 (BZ)	200		1.3	pg/L
PCB 191 (BZ)	51		1.3	pg/L
PCB 192 (BZ)	ND		1.5	pg/L
PCB 193 (BZ)	2700	C180	1.5	pg/L
PCB 194 (BZ)	580		1.5	pg/L
PCB 195 (BZ)	260		1.6	pg/L
PCB 196 (BZ)	290		1.6	pg/L
PCB 197 (BZ)	24	J	1.2	pg/L
PCB 198 (BZ)	550	C	1.7	pg/L
PCB 201 (BZ)/199 (IUPAC)	550	C198	1.7	pg/L
PCB 199 (BZ)/200 (IUPAC)	71		1.2	pg/L
PCB 200 (BZ)/201 (IUPAC)	63	Q	1.1	pg/L
PCB 202 (BZ)	90		1.3	pg/L
PCB 203 (BZ)	340		1.5	pg/L
PCB 204 (BZ)	ND		1.3	pg/L
PCB 205 (BZ)	33	J	1.2	pg/L
PCB 206 (BZ)	100		1.5	pg/L
PCB 207 (BZ)	12	J	1.1	pg/L

TestAmerica Canton
Sample ID: MH181-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 010	Work Order #....:	M10PL1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	931 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 208 (BZ)	19	J	1.1	pg/L
PCB 209 (BZ)	14	B J	1.3	pg/L

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 1	59	30 - 140
13C12-PCB 3	58	30 - 140
13C12-PCB 4	73	30 - 140
13C12-PCB 15	74	30 - 140
13C12-PCB 19	75	30 - 140
13C12-PCB 37	80	30 - 140
13C12-PCB 54	72	30 - 140
13C12-PCB 77	80	30 - 140
13C12-PCB 81	79	30 - 140
13C12-PCB 104	74	30 - 140
13C12-PCB 105	75	30 - 140
13C12-PCB 114	75	30 - 140
13C12-PCB 118	73	30 - 140
13C12-PCB 123	72	30 - 140
13C12-PCB 126	71	30 - 140
13C12-PCB 155	86	30 - 140
13C12-PCB 156	84	C 30 - 140
13C12-PCB 157	84	C 30 - 140
13C12-PCB 167	86	30 - 140
13C12-PCB 169	79	30 - 140
13C12-PCB 170	86	30 - 140
13C12-PCB 188	85	30 - 140
13C12-PCB 189	84	30 - 140
13C12-PCB 202	97	30 - 140
13C12-PCB 205	74	30 - 140
13C12-PCB 206	90	30 - 140
13C12-PCB 208	85	30 - 140
13C12-PCB 209	82	30 - 140

TestAmerica Canton
Sample ID: MH181-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 010	Work Order #....:	M10PL1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	931 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 28	86	40 - 125
13C12-PCB 111	89	40 - 125
13C12-PCB 178	90	40 - 125

QUALIFIERS

- B Method blank contamination. The associated method blank contains the target analyte at a reportable level.
- C Co-eluting isomer.
- J Estimated Result.
- Q Estimated maximum possible concentration (EMPC).

TestAmerica Canton
Sample ID: MH182-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 011	Work Order #....:	M10PM1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	963 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 1 (BZ)	1.8	Q J	42	0.17
PCB 2 (BZ)	1.7	Q J	42	0.20
PCB 3 (BZ)	2.1	Q B J	42	0.24
PCB 4 (BZ)	4.6	Q B J	62	1.1
PCB 5 (BZ)	ND		42	0.84
PCB 6 (BZ)	2.6	Q J	42	0.79
PCB 7 (BZ)	0.64	Q J	42	0.82
PCB 8 (BZ)	6.1	Q B J	62	0.78
PCB 9 (BZ)	1.3	Q J	42	0.82
PCB 10 (BZ)	ND		42	0.88
PCB 11 (BZ)	19	Q B J	62	0.78
PCB 12 (BZ)	3.1	Q C J	62	0.80
PCB 13 (BZ)	3.1	Q C12 J	62	0.80
PCB 14 (BZ)	ND		42	0.69
PCB 15 (BZ)	6.1	Q B J	42	0.83
PCB 16 (BZ)	5.6	J	42	0.75
PCB 17 (BZ)	3.7	Q J	42	0.63
PCB 18 (BZ)	14	B C J	62	0.56
PCB 19 (BZ)	4.8	J	42	0.77
PCB 20 (BZ)	17	Q B C J	42	0.46
PCB 21 (BZ)	6.5	B C J	42	0.46
PCB 22 (BZ)	5.3	J	42	0.46
PCB 23 (BZ)	ND		42	0.47
PCB 24 (BZ)	ND		42	0.53
PCB 25 (BZ)	1.2	J	42	0.42
PCB 26 (BZ)	3.3	Q C J	42	0.45
PCB 27 (BZ)	1.7	Q J	42	0.45
PCB 28 (BZ)	17	Q B C20 J	42	0.46
PCB 29 (BZ)	3.3	Q C26 J	42	0.45
PCB 30 (BZ)	14	B C18 J	62	0.56
PCB 31 (BZ)	13	B J	42	0.45
PCB 32 (BZ)	6.2	Q J	42	0.44
PCB 33 (BZ)	6.5	B C21 J	42	0.46
PCB 34 (BZ)	ND		42	0.47
PCB 35 (BZ)	ND		42	0.48
PCB 36 (BZ)	ND		42	0.46

TestAmerica Canton
Sample ID: MH182-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 011	Work Order #....:	M10PM1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	963 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 37 (BZ)	5.1	J	42	0.48	pg/L
PCB 38 (BZ)	ND		42	0.49	pg/L
PCB 39 (BZ)	ND		42	0.43	pg/L
PCB 40 (BZ)	14	C J	42	0.77	pg/L
PCB 41 (BZ)	14	C40 J	42	0.77	pg/L
PCB 42 (BZ)	4.7	J	42	0.79	pg/L
PCB 43 (BZ)	1.6	Q C J	42	0.72	pg/L
PCB 44 (BZ)	48	B C	42	0.69	pg/L
PCB 45 (BZ)	9.5	C J	42	0.80	pg/L
PCB 46 (BZ)	1.9	Q J	42	0.95	pg/L
PCB 47 (BZ)	48	B C44	42	0.69	pg/L
PCB 48 (BZ)	2.4	Q J	42	0.77	pg/L
PCB 49 (BZ)	29	B C J	42	0.64	pg/L
PCB 50 (BZ)	7.2	Q C J	42	0.74	pg/L
PCB 51 (BZ)	9.5	C45 J	42	0.80	pg/L
PCB 52 (BZ)	200		42	0.75	pg/L
PCB 53 (BZ)	7.2	Q C50 J	42	0.74	pg/L
PCB 54 (BZ)	ND		42	0.81	pg/L
PCB 55 (BZ)	ND		42	0.60	pg/L
PCB 56 (BZ)	18	J	42	0.56	pg/L
PCB 57 (BZ)	ND		42	0.57	pg/L
PCB 58 (BZ)	ND		42	0.57	pg/L
PCB 59 (BZ)	1.8	C J	42	0.55	pg/L
PCB 60 (BZ)	5.8	Q J	42	0.58	pg/L
PCB 61 (BZ)	77	B C	42	0.55	pg/L
PCB 62 (BZ)	1.8	C59 J	42	0.55	pg/L
PCB 63 (BZ)	ND		42	0.53	pg/L
PCB 64 (BZ)	11	Q J	42	0.52	pg/L
PCB 65 (BZ)	48	B C44	42	0.69	pg/L
PCB 66 (BZ)	36	J	42	0.55	pg/L
PCB 67 (BZ)	ND		42	0.51	pg/L
PCB 68 (BZ)	ND		42	0.52	pg/L
PCB 69 (BZ)	29	B C49 J	42	0.64	pg/L
PCB 70 (BZ)	77	B C61	42	0.55	pg/L
PCB 71 (BZ)	14	C40 J	42	0.77	pg/L
PCB 72 (BZ)	ND		42	0.56	pg/L

TestAmerica Canton
Sample ID: MH182-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 011	Work Order #....:	M10PM1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	963 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 73 (BZ)	1.6	Q C43 J	42	0.72 pg/L
PCB 74 (BZ)	77	B C61	42	0.55 pg/L
PCB 75 (BZ)	1.8	C59 J	42	0.55 pg/L
PCB 76 (BZ)	77	B C61	42	0.55 pg/L
PCB 77 (BZ)	2.7	J	42	0.51 pg/L
PCB 78 (BZ)	ND		42	0.59 pg/L
PCB 79 (BZ)	0.62	Q J	42	0.52 pg/L
PCB 80 (BZ)	ND		42	0.51 pg/L
PCB 81 (BZ)	ND		42	0.57 pg/L
PCB 82 (BZ)	20	J	42	1.3 pg/L
PCB 83 (BZ)	140	C	42	1.1 pg/L
PCB 84 (BZ)	81		42	1.3 pg/L
PCB 85 (BZ)	21	C J	42	0.92 pg/L
PCB 86 (BZ)	570	Q B C	42	0.95 pg/L
PCB 87 (BZ)	570	Q B C86	42	0.95 pg/L
PCB 88 (BZ)	13	Q C J	42	1.1 pg/L
PCB 89 (BZ)	ND		42	1.2 pg/L
PCB 90 (BZ)	1400	C	42	0.96 pg/L
PCB 91 (BZ)	13	Q C88 J	42	1.1 pg/L
PCB 92 (BZ)	180		42	1.1 pg/L
PCB 93 (BZ)	6.1	Q C J	42	1.1 pg/L
PCB 94 (BZ)	ND		42	1.2 pg/L
PCB 95 (BZ)	1500		42	1.2 pg/L
PCB 96 (BZ)	ND		42	0.92 pg/L
PCB 97 (BZ)	570	Q B C86	42	0.95 pg/L
PCB 98 (BZ)	5.3	Q C J	42	1.1 pg/L
PCB 99 (BZ)	140	C83	42	1.1 pg/L
PCB 100 (BZ)	6.1	Q C93 J	42	1.1 pg/L
PCB 101 (BZ)	1400	C90	42	0.96 pg/L
PCB 102 (BZ)	5.3	Q C98 J	42	1.1 pg/L
PCB 103 (BZ)	7.6	J	42	1.1 pg/L
PCB 104 (BZ)	ND		42	0.82 pg/L
Monochlorobiphenyl (total)	5.6	Q J B	42	0.60 pg/L
PCB 105 (BZ)	67		42	0.84 pg/L
Dichlorobiphenyl (total)	43	Q B J	62	9.1 pg/L
Trichlorobiphenyl (total)	87	J B Q	62	10 pg/L

TestAmerica Canton
Sample ID: MH182-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 011	Work Order #....:	M10PM1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	963 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 106 (BZ)	ND	42	0.80	pg/L
Tetrachlorobiphenyl (total)	470	Q B	18	pg/L
Pentachlorobiphenyl (total)	5000	Q B	29	pg/L
PCB 107 (BZ)/109 (IUPAC)	11	J	0.77	pg/L
Hexachlorobiphenyl (total)	15000	Q B	48	pg/L
Heptachlorobiphenyl (total)	11000		28	pg/L
PCB 108 (BZ)/107 (IUPAC)	4.7	Q C J	0.81	pg/L
Octachlorobiphenyl (total)	2400		11	pg/L
Nonachlorobiphenyl (total)	120	Q	2.3	pg/L
PCB 109 (BZ)/108 (IUPAC)	570	Q B C86	0.95	pg/L
PCB 110 (BZ)	660	C	0.82	pg/L
PCB 111 (BZ)	ND	42	0.77	pg/L
PCB 112 (BZ)	ND	42	0.84	pg/L
PCB 113 (BZ)	1400	C90	0.96	pg/L
PCB 114 (BZ)	4.1	Q J	0.66	pg/L
PCB 115 (BZ)	660	C110	0.82	pg/L
PCB 116 (BZ)	21	C85 J	0.92	pg/L
PCB 117 (BZ)	21	C85 J	0.92	pg/L
PCB 118 (BZ)	220		0.67	pg/L
PCB 119 (BZ)	570	Q B C86	0.95	pg/L
PCB 120 (BZ)	ND	42	0.80	pg/L
PCB 121 (BZ)	ND	42	0.80	pg/L
PCB 122 (BZ)	2.5	Q J	0.87	pg/L
PCB 123 (BZ)	3.6	J	0.82	pg/L
PCB 124 (BZ)	4.7	Q C108 J	0.81	pg/L
PCB 125 (BZ)	570	Q B C86	0.95	pg/L
PCB 126 (BZ)	ND	42	0.89	pg/L
PCB 127 (BZ)	ND	42	0.79	pg/L
PCB 128 (BZ)	150	C	1.5	pg/L
PCB 129 (BZ)	2700	C	1.6	pg/L
PCB 130 (BZ)	75		2.1	pg/L
PCB 131 (BZ)	14	Q J	2.1	pg/L
PCB 132 (BZ)	1000		2.0	pg/L
PCB 133 (BZ)	34	J	1.9	pg/L
PCB 134 (BZ)	130	C	2.1	pg/L
PCB 135 (BZ)	1700	C	1.5	pg/L

TestAmerica Canton
Sample ID: MH182-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 011	Work Order #....:	M10PM1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	963 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 136 (BZ)	530	42	1.1	pg/L
PCB 137 (BZ)	6.6	Q J	1.8	pg/L
PCB 138 (BZ)	2700	C129	1.6	pg/L
PCB 139 (BZ)	7.4	C J	1.8	pg/L
PCB 140 (BZ)	7.4	C139 J	1.8	pg/L
PCB 141 (BZ)	920		1.8	pg/L
PCB 142 (BZ)	ND		2.0	pg/L
PCB 143 (BZ)	130	C134	2.1	pg/L
PCB 144 (BZ)	190		1.4	pg/L
PCB 145 (BZ)	ND		1.0	pg/L
PCB 146 (BZ)	360		1.7	pg/L
PCB 147 (BZ)	3300	B C	1.7	pg/L
PCB 148 (BZ)	ND		1.4	pg/L
PCB 149 (BZ)	3300	B C147	1.7	pg/L
PCB 150 (BZ)	ND		1.0	pg/L
PCB 151 (BZ)	1700	C135	1.5	pg/L
PCB 152 (BZ)	ND		1.0	pg/L
PCB 153 (BZ)	3300	B C	1.4	pg/L
PCB 154 (BZ)	7.5	Q J	1.2	pg/L
PCB 155 (BZ)	ND		0.97	pg/L
PCB 156 (BZ)	120	C	1.6	pg/L
PCB 157 (BZ)	120	C156	1.6	pg/L
PCB 158 (BZ)	240		1.3	pg/L
PCB 159 (BZ)	46		1.3	pg/L
PCB 160 (BZ)	2700	C129	1.6	pg/L
PCB 161 (BZ)	ND		1.3	pg/L
PCB 162 (BZ)	1.8	Q J	1.3	pg/L
PCB 163 (BZ)	2700	C129	1.6	pg/L
PCB 164 (BZ)	210		1.4	pg/L
PCB 165 (BZ)	ND		1.5	pg/L
PCB 166 (BZ)	150	C128	1.5	pg/L
PCB 167 (BZ)	45		1.0	pg/L
PCB 168 (BZ)	3300	B C153	1.4	pg/L
PCB 169 (BZ)	5.2	J	1.2	pg/L
PCB 170 (BZ)	1200		1.7	pg/L
PCB 171 (BZ)	380	C	1.6	pg/L

TestAmerica Canton
Sample ID: MH182-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 011	Work Order #....:	M10PM1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	963 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 172 (BZ)	200		42	1.6	pg/L
PCB 173 (BZ)	380	C171	42	1.6	pg/L
PCB 174 (BZ)	1600		42	1.5	pg/L
PCB 175 (BZ)	42		42	1.5	pg/L
PCB 176 (BZ)	180		42	1.1	pg/L
PCB 177 (BZ)	730		42	1.6	pg/L
PCB 178 (BZ)	290		42	1.6	pg/L
PCB 179 (BZ)	610		42	1.2	pg/L
PCB 180 (BZ)	2900	C	42	1.2	pg/L
PCB 181 (BZ)	ND		42	1.5	pg/L
PCB 182 (BZ)	ND		42	1.4	pg/L
PCB 183 (BZ)	1000	C	42	1.5	pg/L
PCB 184 (BZ)	ND		42	1.2	pg/L
PCB 185 (BZ)	1000	C183	42	1.5	pg/L
PCB 186 (BZ)	ND		42	1.2	pg/L
PCB 187 (BZ)	1600		42	1.4	pg/L
PCB 188 (BZ)	ND		42	1.0	pg/L
PCB 189 (BZ)	30	J	42	1.0	pg/L
PCB 190 (BZ)	210		42	1.1	pg/L
PCB 191 (BZ)	40	J	42	1.1	pg/L
PCB 192 (BZ)	ND		42	1.2	pg/L
PCB 193 (BZ)	2900	C180	42	1.2	pg/L
PCB 194 (BZ)	680		42	1.1	pg/L
PCB 195 (BZ)	310		42	1.2	pg/L
PCB 196 (BZ)	290		42	1.1	pg/L
PCB 197 (BZ)	22	J	42	0.84	pg/L
PCB 198 (BZ)	380	C	42	1.2	pg/L
PCB 201 (BZ)/199 (IUPAC)	380	C198	42	1.2	pg/L
PCB 199 (BZ)/200 (IUPAC)	75		42	0.83	pg/L
PCB 200 (BZ)/201 (IUPAC)	75		42	0.80	pg/L
PCB 202 (BZ)	88		42	0.90	pg/L
PCB 203 (BZ)	410		42	1.0	pg/L
PCB 204 (BZ)	ND		42	0.87	pg/L
PCB 205 (BZ)	33	J	42	0.92	pg/L
PCB 206 (BZ)	100		42	0.91	pg/L
PCB 207 (BZ)	9.7	Q J	42	0.68	pg/L

TestAmerica Canton
Sample ID: MH182-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 011	Work Order #....:	M10PM1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	963 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 208 (BZ)	14	J	0.72	pg/L
PCB 209 (BZ)	10	B J	0.95	pg/L

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 1	65	30 - 140
13C12-PCB 3	65	30 - 140
13C12-PCB 4	81	30 - 140
13C12-PCB 15	83	30 - 140
13C12-PCB 19	81	30 - 140
13C12-PCB 37	76	30 - 140
13C12-PCB 54	80	30 - 140
13C12-PCB 77	91	30 - 140
13C12-PCB 81	80	30 - 140
13C12-PCB 104	76	30 - 140
13C12-PCB 105	77	30 - 140
13C12-PCB 114	89	30 - 140
13C12-PCB 118	83	30 - 140
13C12-PCB 123	75	30 - 140
13C12-PCB 126	71	30 - 140
13C12-PCB 155	97	30 - 140
13C12-PCB 156	103	C 30 - 140
13C12-PCB 157	103	C 30 - 140
13C12-PCB 167	93	30 - 140
13C12-PCB 169	78	30 - 140
13C12-PCB 170	92	30 - 140
13C12-PCB 188	93	30 - 140
13C12-PCB 189	98	30 - 140
13C12-PCB 202	101	30 - 140
13C12-PCB 205	77	30 - 140
13C12-PCB 206	115	30 - 140
13C12-PCB 208	107	30 - 140
13C12-PCB 209	104	30 - 140

TestAmerica Canton
Sample ID: MH182-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 011	Work Order #....:	M10PM1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	963 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 28	95	40 - 125
13C12-PCB 111	104	40 - 125
13C12-PCB 178	112	40 - 125

QUALIFIERS

- B Method blank contamination. The associated method blank contains the target analyte at a reportable level.
- C Co-eluting isomer.
- J Estimated Result.
- Q Estimated maximum possible concentration (EMPC).

TestAmerica Canton
Sample ID: MH312-3Q13
Trace Level Organic Compounds

Lot - Sample #....: H3I170418 - 012 Work Order #....: M10PN1AA Matrix....: WATER
 Date Sampled....: 09/12/13 Date Received....: 09/17/13 Dilution Factor: 5
 Prep Date....: 09/22/13 Analysis Date....: 10/02/13
 Prep Batch #: 3263028
 Initial Wgt/Vol : 927 mL Instrument ID....: M1D Method: EPA-22 1668A
 Analyst ID....: Patricia(Trish) M. Parsly

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 1 (BZ)	21	Q J	220	pg/L
PCB 2 (BZ)	ND		220	pg/L
PCB 3 (BZ)	4.5	Q B J	220	pg/L
PCB 4 (BZ)	28	Q B J	320	pg/L
PCB 5 (BZ)	ND		220	pg/L
PCB 6 (BZ)	ND		220	pg/L
PCB 7 (BZ)	ND		220	pg/L
PCB 8 (BZ)	15	Q B J	320	pg/L
PCB 9 (BZ)	ND		220	pg/L
PCB 10 (BZ)	ND		220	pg/L
PCB 11 (BZ)	160	Q B J	320	pg/L
PCB 12 (BZ)	7.3	Q C J	320	pg/L
PCB 13 (BZ)	7.3	Q C12 J	320	pg/L
PCB 14 (BZ)	ND		220	pg/L
PCB 15 (BZ)	22	Q B J	220	pg/L
PCB 16 (BZ)	12	Q J	220	pg/L
PCB 17 (BZ)	11	Q J	220	pg/L
PCB 18 (BZ)	52	B C J	320	pg/L
PCB 19 (BZ)	19	Q J	220	pg/L
PCB 20 (BZ)	48	Q B C J	220	pg/L
PCB 21 (BZ)	10	Q B C J	220	pg/L
PCB 22 (BZ)	15	J	220	pg/L
PCB 23 (BZ)	ND		220	pg/L
PCB 24 (BZ)	ND		220	pg/L
PCB 25 (BZ)	6.1	Q J	220	pg/L
PCB 26 (BZ)	8.3	C J	220	pg/L
PCB 27 (BZ)	ND		220	pg/L
PCB 28 (BZ)	48	Q B C20 J	220	pg/L
PCB 29 (BZ)	8.3	C26 J	220	pg/L
PCB 30 (BZ)	52	B C18 J	320	pg/L
PCB 31 (BZ)	33	B J	220	pg/L
PCB 32 (BZ)	29	J	220	pg/L
PCB 33 (BZ)	10	Q B C21 J	220	pg/L
PCB 34 (BZ)	ND		220	pg/L
PCB 35 (BZ)	ND		220	pg/L
PCB 36 (BZ)	ND		220	pg/L

TestAmerica Canton
Sample ID: MH312-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 012	Work Order #....:	M10PN1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	927 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 37 (BZ)	13	J	220	3.5	pg/L
PCB 38 (BZ)	ND		220	3.6	pg/L
PCB 39 (BZ)	ND		220	3.2	pg/L
PCB 40 (BZ)	400	C	220	7.7	pg/L
PCB 41 (BZ)	400	C40	220	7.7	pg/L
PCB 42 (BZ)	200	J	220	7.9	pg/L
PCB 43 (BZ)	ND		220	7.2	pg/L
PCB 44 (BZ)	2300	B C	220	6.9	pg/L
PCB 45 (BZ)	92	C J	220	8.0	pg/L
PCB 46 (BZ)	27	Q J	220	9.5	pg/L
PCB 47 (BZ)	2300	B C44	220	6.9	pg/L
PCB 48 (BZ)	49	J	220	7.7	pg/L
PCB 49 (BZ)	1100	B C	220	6.4	pg/L
PCB 50 (BZ)	190	C J	220	7.5	pg/L
PCB 51 (BZ)	92	C45 J	220	8.0	pg/L
PCB 52 (BZ)	6600		220	7.5	pg/L
PCB 53 (BZ)	190	C50 J	220	7.5	pg/L
PCB 54 (BZ)	ND		220	7.8	pg/L
PCB 55 (BZ)	14	Q J	220	6.0	pg/L
PCB 56 (BZ)	230		220	5.6	pg/L
PCB 57 (BZ)	ND		220	5.7	pg/L
PCB 58 (BZ)	ND		220	5.7	pg/L
PCB 59 (BZ)	44	C J	220	5.5	pg/L
PCB 60 (BZ)	44	J	220	5.8	pg/L
PCB 61 (BZ)	1500	B C	220	5.5	pg/L
PCB 62 (BZ)	44	C59 J	220	5.5	pg/L
PCB 63 (BZ)	14	Q J	220	5.3	pg/L
PCB 64 (BZ)	500		220	5.2	pg/L
PCB 65 (BZ)	2300	B C44	220	6.9	pg/L
PCB 66 (BZ)	740		220	5.5	pg/L
PCB 67 (BZ)	ND		220	5.1	pg/L
PCB 68 (BZ)	ND		220	5.2	pg/L
PCB 69 (BZ)	1100	B C49	220	6.4	pg/L
PCB 70 (BZ)	1500	B C61	220	5.5	pg/L
PCB 71 (BZ)	400	C40	220	7.7	pg/L
PCB 72 (BZ)	16	Q J	220	5.6	pg/L

TestAmerica Canton
Sample ID: MH312-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 012	Work Order #....:	M10PN1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	927 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 73 (BZ)	ND		220	7.2	pg/L
PCB 74 (BZ)	1500	B C61	220	5.5	pg/L
PCB 75 (BZ)	44	C59 J	220	5.5	pg/L
PCB 76 (BZ)	1500	B C61	220	5.5	pg/L
PCB 77 (BZ)	ND		220	5.3	pg/L
PCB 78 (BZ)	ND		220	5.9	pg/L
PCB 79 (BZ)	60	Q J	220	5.2	pg/L
PCB 80 (BZ)	ND		220	5.1	pg/L
PCB 81 (BZ)	ND		220	5.4	pg/L
PCB 82 (BZ)	1000		220	12	pg/L
PCB 83 (BZ)	3600	C	220	10	pg/L
PCB 84 (BZ)	3200		220	12	pg/L
PCB 85 (BZ)	1200	C	220	8.5	pg/L
PCB 86 (BZ)	5600	B C	220	8.6	pg/L
PCB 87 (BZ)	5600	B C86	220	8.6	pg/L
PCB 88 (BZ)	1200	C	220	10	pg/L
PCB 89 (BZ)	73	J	220	11	pg/L
PCB 90 (BZ)	7600	C	220	8.8	pg/L
PCB 91 (BZ)	1200	C88	220	10	pg/L
PCB 92 (BZ)	1400		220	10	pg/L
PCB 93 (BZ)	20	Q C J	220	10	pg/L
PCB 94 (BZ)	40	Q J	220	11	pg/L
PCB 95 (BZ)	9300		220	11	pg/L
PCB 96 (BZ)	59	Q J	220	8.4	pg/L
PCB 97 (BZ)	5600	B C86	220	8.6	pg/L
PCB 98 (BZ)	230	Q C	220	9.7	pg/L
PCB 99 (BZ)	3600	C83	220	10	pg/L
PCB 100 (BZ)	20	Q C93 J	220	10	pg/L
PCB 101 (BZ)	7600	C90	220	8.8	pg/L
PCB 102 (BZ)	230	Q C98	220	9.7	pg/L
PCB 103 (BZ)	42	J	220	9.9	pg/L
PCB 104 (BZ)	ND		220	7.5	pg/L
Monochlorobiphenyl (total)	25	Q J B	220	3.6	pg/L
PCB 105 (BZ)	1400		220	6.7	pg/L
Dichlorobiphenyl (total)	240	Q B J	320	75	pg/L
Trichlorobiphenyl (total)	260	Q J B	320	76	pg/L

TestAmerica Canton
Sample ID: MH312-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 012	Work Order #....:	M10PN1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	927 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 106 (BZ)	ND		220	7.1	pg/L
Tetrachlorobiphenyl (total)	14000	Q B	220	180	pg/L
Pentachlorobiphenyl (total)	51000	Q B	220	270	pg/L
PCB 107 (BZ)/109 (IUPAC)	320		220	6.9	pg/L
Hexachlorobiphenyl (total)	19000	Q B	220	310	pg/L
Heptachlorobiphenyl (total)	4200	Q	220	140	pg/L
PCB 108 (BZ)/107 (IUPAC)	210	C J	220	7.3	pg/L
Octachlorobiphenyl (total)	1600	Q	220	68	pg/L
Nonachlorobiphenyl (total)	220	J Q	220	21	pg/L
PCB 109 (BZ)/108 (IUPAC)	5600	B C86	220	8.6	pg/L
PCB 110 (BZ)	10000	C	220	7.5	pg/L
PCB 111 (BZ)	ND		220	7.1	pg/L
PCB 112 (BZ)	ND		220	7.7	pg/L
PCB 113 (BZ)	7600	C90	220	8.8	pg/L
PCB 114 (BZ)	57	Q J	220	6.5	pg/L
PCB 115 (BZ)	10000	C110	220	7.5	pg/L
PCB 116 (BZ)	1200	C85	220	8.5	pg/L
PCB 117 (BZ)	1200	C85	220	8.5	pg/L
PCB 118 (BZ)	4300		220	6.4	pg/L
PCB 119 (BZ)	5600	B C86	220	8.6	pg/L
PCB 120 (BZ)	ND		220	7.3	pg/L
PCB 121 (BZ)	ND		220	7.3	pg/L
PCB 122 (BZ)	80	Q J	220	7.8	pg/L
PCB 123 (BZ)	64	J	220	7.2	pg/L
PCB 124 (BZ)	210	C108 J	220	7.3	pg/L
PCB 125 (BZ)	5600	B C86	220	8.6	pg/L
PCB 126 (BZ)	ND		220	7.5	pg/L
PCB 127 (BZ)	ND		220	7.1	pg/L
PCB 128 (BZ)	780	C	220	9.5	pg/L
PCB 129 (BZ)	4100	C	220	9.8	pg/L
PCB 130 (BZ)	310		220	13	pg/L
PCB 131 (BZ)	110	J	220	13	pg/L
PCB 132 (BZ)	2000		220	12	pg/L
PCB 133 (BZ)	61	J	220	12	pg/L
PCB 134 (BZ)	380	C	220	13	pg/L
PCB 135 (BZ)	1500	C	220	11	pg/L

TestAmerica Canton
 Sample ID: MH312-3Q13
 Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 012	Work Order #....:	M10PN1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	927 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 136 (BZ)	730	220	8.0	pg/L
PCB 137 (BZ)	270	220	11	pg/L
PCB 138 (BZ)	4100	C129	220	9.8
PCB 139 (BZ)	85	Q C J	220	11
PCB 140 (BZ)	85	Q C139 J	220	11
PCB 141 (BZ)	720		220	11
PCB 142 (BZ)	ND		220	12
PCB 143 (BZ)	380	C134	220	13
PCB 144 (BZ)	230		220	10
PCB 145 (BZ)	ND		220	7.6
PCB 146 (BZ)	480		220	10
PCB 147 (BZ)	3400	B C	220	11
PCB 148 (BZ)	ND		220	11
PCB 149 (BZ)	3400	B C147	220	11
PCB 150 (BZ)	ND		220	7.4
PCB 151 (BZ)	1500	C135	220	11
PCB 152 (BZ)	ND		220	7.6
PCB 153 (BZ)	2600	B C	220	8.4
PCB 154 (BZ)	42	Q J	220	8.8
PCB 155 (BZ)	ND		220	7.2
PCB 156 (BZ)	360	C	220	11
PCB 157 (BZ)	360	C156	220	11
PCB 158 (BZ)	460		220	7.7
PCB 159 (BZ)	24	Q J	220	8.3
PCB 160 (BZ)	4100	C129	220	9.8
PCB 161 (BZ)	ND		220	8.2
PCB 162 (BZ)	ND		220	8.2
PCB 163 (BZ)	4100	C129	220	9.8
PCB 164 (BZ)	300		220	8.6
PCB 165 (BZ)	ND		220	9.0
PCB 166 (BZ)	780	C128	220	9.5
PCB 167 (BZ)	130	J	220	6.0
PCB 168 (BZ)	2600	B C153	220	8.4
PCB 169 (BZ)	ND		220	5.9
PCB 170 (BZ)	320		220	8.3
PCB 171 (BZ)	130	C J	220	8.3

TestAmerica Canton
Sample ID: MH312-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 012	Work Order #....:	M10PN1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	927 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 172 (BZ)	63	Q J	220	8.2	pg/L
PCB 173 (BZ)	130	C171 J	220	8.3	pg/L
PCB 174 (BZ)	590		220	7.7	pg/L
PCB 175 (BZ)	ND		220	7.3	pg/L
PCB 176 (BZ)	73	J	220	5.6	pg/L
PCB 177 (BZ)	260		220	7.8	pg/L
PCB 178 (BZ)	99	J	220	7.9	pg/L
PCB 179 (BZ)	320		220	5.9	pg/L
PCB 180 (BZ)	1000	C	220	6.2	pg/L
PCB 181 (BZ)	ND		220	7.3	pg/L
PCB 182 (BZ)	ND		220	7.1	pg/L
PCB 183 (BZ)	410	C	220	7.3	pg/L
PCB 184 (BZ)	ND		220	6.1	pg/L
PCB 185 (BZ)	410	C183	220	7.3	pg/L
PCB 186 (BZ)	ND		220	5.9	pg/L
PCB 187 (BZ)	840		220	6.8	pg/L
PCB 188 (BZ)	ND		220	5.3	pg/L
PCB 189 (BZ)	6.8	Q J	220	5.0	pg/L
PCB 190 (BZ)	60	Q J	220	5.7	pg/L
PCB 191 (BZ)	17	J	220	5.6	pg/L
PCB 192 (BZ)	ND		220	6.2	pg/L
PCB 193 (BZ)	1000	C180	220	6.2	pg/L
PCB 194 (BZ)	310		220	6.5	pg/L
PCB 195 (BZ)	100	Q J	220	7.1	pg/L
PCB 196 (BZ)	180	Q J	220	7.2	pg/L
PCB 197 (BZ)	13	J	220	5.4	pg/L
PCB 198 (BZ)	510	C	220	7.5	pg/L
PCB 201 (BZ)/199 (IUPAC)	510	C198	220	7.5	pg/L
PCB 199 (BZ)/200 (IUPAC)	57	J	220	5.3	pg/L
PCB 200 (BZ)/201 (IUPAC)	45	Q J	220	5.1	pg/L
PCB 202 (BZ)	110	J	220	5.7	pg/L
PCB 203 (BZ)	280		220	6.7	pg/L
PCB 204 (BZ)	ND		220	5.6	pg/L
PCB 205 (BZ)	16	Q J	220	5.5	pg/L
PCB 206 (BZ)	160	J	220	8.2	pg/L
PCB 207 (BZ)	19	Q J	220	6.1	pg/L

TestAmerica Canton
Sample ID: MH312-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 012	Work Order #....:	M10PN1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	927 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 208 (BZ)	41	J	220	6.6 pg/L
PCB 209 (BZ)	ND		220	8.0 pg/L

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 1	65	30 - 140
13C12-PCB 3	61	30 - 140
13C12-PCB 4	77	30 - 140
13C12-PCB 15	75	30 - 140
13C12-PCB 19	77	30 - 140
13C12-PCB 37	77	30 - 140
13C12-PCB 54	71	30 - 140
13C12-PCB 77	79	30 - 140
13C12-PCB 81	76	30 - 140
13C12-PCB 104	71	30 - 140
13C12-PCB 105	71	30 - 140
13C12-PCB 114	70	30 - 140
13C12-PCB 118	69	30 - 140
13C12-PCB 123	70	30 - 140
13C12-PCB 126	68	30 - 140
13C12-PCB 155	81	30 - 140
13C12-PCB 156	79	C 30 - 140
13C12-PCB 157	79	C 30 - 140
13C12-PCB 167	83	30 - 140
13C12-PCB 169	86	30 - 140
13C12-PCB 170	80	30 - 140
13C12-PCB 188	81	30 - 140
13C12-PCB 189	76	30 - 140
13C12-PCB 202	93	30 - 140
13C12-PCB 205	71	30 - 140
13C12-PCB 206	86	30 - 140
13C12-PCB 208	80	30 - 140
13C12-PCB 209	81	30 - 140

TestAmerica Canton
Sample ID: MH312-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 012	Work Order #....:	M10PN1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	927 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 28	98	40 - 125
13C12-PCB 111	103	40 - 125
13C12-PCB 178	98	40 - 125

QUALIFIERS

- B Method blank contamination. The associated method blank contains the target analyte at a reportable level.
- C Co-eluting isomer.
- J Estimated Result.
- Q Estimated maximum possible concentration (EMPC).

TestAmerica Canton
 Sample ID: MH313-3Q13
 Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 013	Work Order #....:	M10PP1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	955 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 1 (BZ)	3.2	J	42	0.18
PCB 2 (BZ)	1.9	Q J	42	0.21
PCB 3 (BZ)	2.6	Q B J	42	0.24
PCB 4 (BZ)	12	Q B J	63	1.4
PCB 5 (BZ)	1.4	Q J	42	1.0
PCB 6 (BZ)	3.3	Q J	42	0.98
PCB 7 (BZ)	1.3	Q J	42	1.0
PCB 8 (BZ)	10	Q B J	63	0.96
PCB 9 (BZ)	1.6	Q J	42	1.0
PCB 10 (BZ)	2.2	Q J	42	1.1
PCB 11 (BZ)	190	B	63	0.97
PCB 12 (BZ)	5.6	Q C J	63	0.99
PCB 13 (BZ)	5.6	Q C12 J	63	0.99
PCB 14 (BZ)	ND		42	0.85
PCB 15 (BZ)	23	B J	42	1.0
PCB 16 (BZ)	21	Q J	42	0.99
PCB 17 (BZ)	14	Q J	42	0.83
PCB 18 (BZ)	61	B C J	63	0.73
PCB 19 (BZ)	12	J	42	1.0
PCB 20 (BZ)	80	B C	42	0.52
PCB 21 (BZ)	15	B C J	42	0.52
PCB 22 (BZ)	18	J	42	0.53
PCB 23 (BZ)	ND		42	0.54
PCB 24 (BZ)	1.1	Q J	42	0.69
PCB 25 (BZ)	5.3	J	42	0.48
PCB 26 (BZ)	8.6	C J	42	0.51
PCB 27 (BZ)	4.6	J	42	0.60
PCB 28 (BZ)	80	B C20	42	0.52
PCB 29 (BZ)	8.6	C26 J	42	0.51
PCB 30 (BZ)	61	B C18 J	63	0.73
PCB 31 (BZ)	50	B	42	0.51
PCB 32 (BZ)	30	J	42	0.59
PCB 33 (BZ)	15	B C21 J	42	0.52
PCB 34 (BZ)	ND		42	0.53
PCB 35 (BZ)	8.2	J	42	0.55
PCB 36 (BZ)	2.2	Q J	42	0.53

TestAmerica Canton
Sample ID: MH313-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 013	Work Order #....:	M10PP1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	955 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 37 (BZ)	17	J	42	0.54	pg/L
PCB 38 (BZ)	ND		42	0.56	pg/L
PCB 39 (BZ)	1.0	Q J	42	0.49	pg/L
PCB 40 (BZ)	260	C	42	1.2	pg/L
PCB 41 (BZ)	260	C40	42	1.2	pg/L
PCB 42 (BZ)	180		42	1.2	pg/L
PCB 43 (BZ)	22	C J	42	1.1	pg/L
PCB 44 (BZ)	1800	B C	42	1.1	pg/L
PCB 45 (BZ)	65	C	42	1.3	pg/L
PCB 46 (BZ)	15	J	42	1.5	pg/L
PCB 47 (BZ)	1800	B C44	42	1.1	pg/L
PCB 48 (BZ)	43		42	1.2	pg/L
PCB 49 (BZ)	1000	B C	42	1.0	pg/L
PCB 50 (BZ)	100	C	42	1.2	pg/L
PCB 51 (BZ)	65	C45	42	1.3	pg/L
PCB 52 (BZ)	4700		42	1.2	pg/L
PCB 53 (BZ)	100	C50	42	1.2	pg/L
PCB 54 (BZ)	ND		42	1.3	pg/L
PCB 55 (BZ)	8.8	J	42	0.95	pg/L
PCB 56 (BZ)	200		42	0.89	pg/L
PCB 57 (BZ)	ND		42	0.90	pg/L
PCB 58 (BZ)	ND		42	0.90	pg/L
PCB 59 (BZ)	45	C	42	0.87	pg/L
PCB 60 (BZ)	33	J	42	0.92	pg/L
PCB 61 (BZ)	1800	B C	42	0.87	pg/L
PCB 62 (BZ)	45	C59	42	0.87	pg/L
PCB 63 (BZ)	19	J	42	0.84	pg/L
PCB 64 (BZ)	420		42	0.82	pg/L
PCB 65 (BZ)	1800	B C44	42	1.1	pg/L
PCB 66 (BZ)	770		42	0.86	pg/L
PCB 67 (BZ)	2.7	J	42	0.81	pg/L
PCB 68 (BZ)	11	J	42	0.82	pg/L
PCB 69 (BZ)	1000	B C49	42	1.0	pg/L
PCB 70 (BZ)	1800	B C61	42	0.87	pg/L
PCB 71 (BZ)	260	C40	42	1.2	pg/L
PCB 72 (BZ)	25	J	42	0.88	pg/L

TestAmerica Canton
Sample ID: MH313-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 013	Work Order #....:	M10PP1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	955 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 73 (BZ)	22	C43 J	42	pg/L
PCB 74 (BZ)	1800	B C61	42	pg/L
PCB 75 (BZ)	45	C59	42	pg/L
PCB 76 (BZ)	1800	B C61	42	pg/L
PCB 77 (BZ)	9.7	J	42	pg/L
PCB 78 (BZ)	ND		42	pg/L
PCB 79 (BZ)	37	J	42	pg/L
PCB 80 (BZ)	ND		42	pg/L
PCB 81 (BZ)	ND		42	pg/L
PCB 82 (BZ)	600		42	pg/L
PCB 83 (BZ)	2500	C	42	pg/L
PCB 84 (BZ)	2100		42	pg/L
PCB 85 (BZ)	710	C	42	pg/L
PCB 86 (BZ)	3700	B C	42	pg/L
PCB 87 (BZ)	3700	B C86	42	pg/L
PCB 88 (BZ)	720	C	42	pg/L
PCB 89 (BZ)	42	J	42	pg/L
PCB 90 (BZ)	5400	C	42	pg/L
PCB 91 (BZ)	720	C88	42	pg/L
PCB 92 (BZ)	990		42	pg/L
PCB 93 (BZ)	20	Q C J	42	pg/L
PCB 94 (BZ)	17	J	42	pg/L
PCB 95 (BZ)	6300		42	pg/L
PCB 96 (BZ)	26	J	42	pg/L
PCB 97 (BZ)	3700	B C86	42	pg/L
PCB 98 (BZ)	110	C	42	pg/L
PCB 99 (BZ)	2500	C83	42	pg/L
PCB 100 (BZ)	20	Q C93 J	42	pg/L
PCB 101 (BZ)	5400	C90	42	pg/L
PCB 102 (BZ)	110	C98	42	pg/L
PCB 103 (BZ)	25	Q J	42	pg/L
PCB 104 (BZ)	ND		42	pg/L
Monochlorobiphenyl (total)	7.7	J Q B	42	pg/L
PCB 105 (BZ)	1100		42	pg/L
Dichlorobiphenyl (total)	250	Q B	63	pg/L
Trichlorobiphenyl (total)	350	B Q	63	pg/L

TestAmerica Canton
Sample ID: MH313-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 013	Work Order #....:	M10PP1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	955 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 106 (BZ)	ND		42	1.3	pg/L
Tetrachlorobiphenyl (total)	12000	B	42	29	pg/L
Pentachlorobiphenyl (total)	35000	Q B	42	46	pg/L
PCB 107 (BZ)/109 (IUPAC)	220		42	1.3	pg/L
Hexachlorobiphenyl (total)	14000	B	42	68	pg/L
Heptachlorobiphenyl (total)	2800	Q	42	31	pg/L
PCB 108 (BZ)/107 (IUPAC)	130	C	42	1.3	pg/L
Octachlorobiphenyl (total)	900	Q	42	14	pg/L
Nonachlorobiphenyl (total)	120		42	3.2	pg/L
PCB 109 (BZ)/108 (IUPAC)	3700	B C86	42	1.5	pg/L
PCB 110 (BZ)	7100	C	42	1.3	pg/L
PCB 111 (BZ)	2.3	Q J	42	1.2	pg/L
PCB 112 (BZ)	ND		42	1.3	pg/L
PCB 113 (BZ)	5400	C90	42	1.5	pg/L
PCB 114 (BZ)	40	J	42	1.2	pg/L
PCB 115 (BZ)	7100	C110	42	1.3	pg/L
PCB 116 (BZ)	710	C85	42	1.4	pg/L
PCB 117 (BZ)	710	C85	42	1.4	pg/L
PCB 118 (BZ)	3300		42	1.3	pg/L
PCB 119 (BZ)	3700	B C86	42	1.5	pg/L
PCB 120 (BZ)	5.2	Q J	42	1.2	pg/L
PCB 121 (BZ)	ND		42	1.2	pg/L
PCB 122 (BZ)	44		42	1.4	pg/L
PCB 123 (BZ)	37	Q J	42	1.3	pg/L
PCB 124 (BZ)	130	C108	42	1.3	pg/L
PCB 125 (BZ)	3700	B C86	42	1.5	pg/L
PCB 126 (BZ)	1.3	Q J	42	1.4	pg/L
PCB 127 (BZ)	4.5	Q J	42	1.3	pg/L
PCB 128 (BZ)	570	C	42	2.2	pg/L
PCB 129 (BZ)	3300	C	42	2.3	pg/L
PCB 130 (BZ)	210		42	2.9	pg/L
PCB 131 (BZ)	60		42	3.0	pg/L
PCB 132 (BZ)	1600		42	2.8	pg/L
PCB 133 (BZ)	34	J	42	2.7	pg/L
PCB 134 (BZ)	270	C	42	2.9	pg/L
PCB 135 (BZ)	1000	C	42	2.1	pg/L

TestAmerica Canton
Sample ID: MH313-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 013	Work Order #....:	M10PP1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	955 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 136 (BZ)	510		42	1.5	pg/L
PCB 137 (BZ)	170		42	2.5	pg/L
PCB 138 (BZ)	3300	C129	42	2.3	pg/L
PCB 139 (BZ)	64	C	42	2.5	pg/L
PCB 140 (BZ)	64	C139	42	2.5	pg/L
PCB 141 (BZ)	510		42	2.6	pg/L
PCB 142 (BZ)	ND		42	2.9	pg/L
PCB 143 (BZ)	270	C134	42	2.9	pg/L
PCB 144 (BZ)	120		42	1.9	pg/L
PCB 145 (BZ)	ND		42	1.4	pg/L
PCB 146 (BZ)	330		42	2.4	pg/L
PCB 147 (BZ)	2700	B C	42	2.4	pg/L
PCB 148 (BZ)	ND		42	2.0	pg/L
PCB 149 (BZ)	2700	B C147	42	2.4	pg/L
PCB 150 (BZ)	ND		42	1.4	pg/L
PCB 151 (BZ)	1000	C135	42	2.1	pg/L
PCB 152 (BZ)	3.4	J	42	1.4	pg/L
PCB 153 (BZ)	2100	B C	42	2.0	pg/L
PCB 154 (BZ)	16	J	42	1.7	pg/L
PCB 155 (BZ)	ND		42	1.4	pg/L
PCB 156 (BZ)	220	C	42	2.4	pg/L
PCB 157 (BZ)	220	C156	42	2.4	pg/L
PCB 158 (BZ)	310		42	1.8	pg/L
PCB 159 (BZ)	13	J	42	1.9	pg/L
PCB 160 (BZ)	3300	C129	42	2.3	pg/L
PCB 161 (BZ)	ND		42	1.9	pg/L
PCB 162 (BZ)	6.5	J	42	1.9	pg/L
PCB 163 (BZ)	3300	C129	42	2.3	pg/L
PCB 164 (BZ)	220		42	2.0	pg/L
PCB 165 (BZ)	ND		42	2.1	pg/L
PCB 166 (BZ)	570	C128	42	2.2	pg/L
PCB 167 (BZ)	69		42	1.3	pg/L
PCB 168 (BZ)	2100	B C153	42	2.0	pg/L
PCB 169 (BZ)	ND		42	1.6	pg/L
PCB 170 (BZ)	200		42	1.9	pg/L
PCB 171 (BZ)	64	C	42	1.8	pg/L

TestAmerica Canton
 Sample ID: MH313-3Q13
 Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 013	Work Order #....:	M10PP1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	955 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 172 (BZ)	35	J	42	1.8	pg/L
PCB 173 (BZ)	64	C171	42	1.8	pg/L
PCB 174 (BZ)	400		42	1.7	pg/L
PCB 175 (BZ)	9.7	J	42	1.6	pg/L
PCB 176 (BZ)	48		42	1.2	pg/L
PCB 177 (BZ)	170		42	1.7	pg/L
PCB 178 (BZ)	76		42	1.7	pg/L
PCB 179 (BZ)	230		42	1.3	pg/L
PCB 180 (BZ)	610	C	42	1.4	pg/L
PCB 181 (BZ)	2.7	Q J	42	1.6	pg/L
PCB 182 (BZ)	ND		42	1.6	pg/L
PCB 183 (BZ)	280	C	42	1.6	pg/L
PCB 184 (BZ)	ND		42	1.3	pg/L
PCB 185 (BZ)	280	C183	42	1.6	pg/L
PCB 186 (BZ)	ND		42	1.3	pg/L
PCB 187 (BZ)	590		42	1.5	pg/L
PCB 188 (BZ)	ND		42	1.1	pg/L
PCB 189 (BZ)	3.6	Q J	42	1.1	pg/L
PCB 190 (BZ)	35	J	42	1.2	pg/L
PCB 191 (BZ)	7.7	J	42	1.2	pg/L
PCB 192 (BZ)	ND		42	1.4	pg/L
PCB 193 (BZ)	610	C180	42	1.4	pg/L
PCB 194 (BZ)	190		42	1.5	pg/L
PCB 195 (BZ)	63		42	1.6	pg/L
PCB 196 (BZ)	100		42	1.4	pg/L
PCB 197 (BZ)	6.5	J	42	1.1	pg/L
PCB 198 (BZ)	220	C	42	1.5	pg/L
PCB 201 (BZ)/199 (IUPAC)	220	C198	42	1.5	pg/L
PCB 199 (BZ)/200 (IUPAC)	35	J	42	1.0	pg/L
PCB 200 (BZ)/201 (IUPAC)	32	J	42	1.0	pg/L
PCB 202 (BZ)	78		42	1.1	pg/L
PCB 203 (BZ)	160		42	1.3	pg/L
PCB 204 (BZ)	ND		42	1.1	pg/L
PCB 205 (BZ)	6.6	Q J	42	1.2	pg/L
PCB 206 (BZ)	86		42	1.3	pg/L
PCB 207 (BZ)	9.9	J	42	0.94	pg/L

TestAmerica Canton
Sample ID: MH313-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H31170418 - 013	Work Order #....:	M10PP1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	955 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 208 (BZ)	22	J	1.0	pg/L
PCB 209 (BZ)	6.7	Q B J	1.3	pg/L

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 1	65	30 - 140
13C12-PCB 3	64	30 - 140
13C12-PCB 4	78	30 - 140
13C12-PCB 15	82	30 - 140
13C12-PCB 19	79	30 - 140
13C12-PCB 37	82	30 - 140
13C12-PCB 54	76	30 - 140
13C12-PCB 77	81	30 - 140
13C12-PCB 81	78	30 - 140
13C12-PCB 104	74	30 - 140
13C12-PCB 105	73	30 - 140
13C12-PCB 114	71	30 - 140
13C12-PCB 118	70	30 - 140
13C12-PCB 123	69	30 - 140
13C12-PCB 126	66	30 - 140
13C12-PCB 155	82	30 - 140
13C12-PCB 156	72	C 30 - 140
13C12-PCB 157	72	C 30 - 140
13C12-PCB 167	74	30 - 140
13C12-PCB 169	63	30 - 140
13C12-PCB 170	81	30 - 140
13C12-PCB 188	92	30 - 140
13C12-PCB 189	86	30 - 140
13C12-PCB 202	100	30 - 140
13C12-PCB 205	71	30 - 140
13C12-PCB 206	88	30 - 140
13C12-PCB 208	80	30 - 140
13C12-PCB 209	81	30 - 140

TestAmerica Canton
Sample ID: MH313-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 013	Work Order #....:	M10PP1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	1
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	955 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 28	97	40 - 125
13C12-PCB 111	101	40 - 125
13C12-PCB 178	111	40 - 125

QUALIFIERS

- B Method blank contamination. The associated method blank contains the target analyte at a reportable level.
- C Co-eluting isomer.
- J Estimated Result.
- Q Estimated maximum possible concentration (EMPC).

TestAmerica Canton
Sample ID: MH116A-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 014	Work Order #....:	M10PR1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	962 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 1 (BZ)	ND		210	0.81	pg/L
PCB 2 (BZ)	ND		210	0.93	pg/L
PCB 3 (BZ)	ND		210	1.1	pg/L
PCB 4 (BZ)	130	Q B J	310	8.6	pg/L
PCB 5 (BZ)	ND		210	6.8	pg/L
PCB 6 (BZ)	ND		210	6.4	pg/L
PCB 7 (BZ)	ND		210	6.6	pg/L
PCB 8 (BZ)	7.9	Q B J	310	6.3	pg/L
PCB 9 (BZ)	ND		210	6.6	pg/L
PCB 10 (BZ)	24	Q J	210	7.1	pg/L
PCB 11 (BZ)	ND		310	6.3	pg/L
PCB 12 (BZ)	ND		310	6.5	pg/L
PCB 13 (BZ)	ND		310	6.5	pg/L
PCB 14 (BZ)	ND		210	5.6	pg/L
PCB 15 (BZ)	49	Q B J	210	6.8	pg/L
PCB 16 (BZ)	24	Q J	210	9.3	pg/L
PCB 17 (BZ)	170	Q J	210	7.8	pg/L
PCB 18 (BZ)	210	B C J	310	6.9	pg/L
PCB 19 (BZ)	940		210	9.5	pg/L
PCB 20 (BZ)	480	B C	210	5.3	pg/L
PCB 21 (BZ)	1800	B C	210	5.3	pg/L
PCB 22 (BZ)	ND		210	5.4	pg/L
PCB 23 (BZ)	ND		210	5.5	pg/L
PCB 24 (BZ)	ND		210	6.5	pg/L
PCB 25 (BZ)	1800		210	4.9	pg/L
PCB 26 (BZ)	23	Q C J	210	5.2	pg/L
PCB 27 (BZ)	66	J	210	5.6	pg/L
PCB 28 (BZ)	480	B C20	210	5.3	pg/L
PCB 29 (BZ)	23	Q C26 J	210	5.2	pg/L
PCB 30 (BZ)	210	B C18 J	310	6.9	pg/L
PCB 31 (BZ)	100	Q B J	210	5.2	pg/L
PCB 32 (BZ)	16000		210	5.5	pg/L
PCB 33 (BZ)	1800	B C21	210	5.3	pg/L
PCB 34 (BZ)	ND		210	5.5	pg/L
PCB 35 (BZ)	ND		210	5.6	pg/L
PCB 36 (BZ)	ND		210	5.4	pg/L

TestAmerica Canton
Sample ID: MH116A-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 014	Work Order #....:	M10PR1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	962 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 37 (BZ)	ND	210	5.6	pg/L
PCB 38 (BZ)	17	Q J	5.7	pg/L
PCB 39 (BZ)	ND	210	5.1	pg/L
PCB 40 (BZ)	8600	C	210	pg/L
PCB 41 (BZ)	8600	C40	210	pg/L
PCB 42 (BZ)	1100		210	pg/L
PCB 43 (BZ)	3000	C	210	pg/L
PCB 44 (BZ)	74000	B C	210	pg/L
PCB 45 (BZ)	73000	C	210	pg/L
PCB 46 (BZ)	3500		210	pg/L
PCB 47 (BZ)	74000	B C44	210	pg/L
PCB 48 (BZ)	390		210	pg/L
PCB 49 (BZ)	53000	B C	210	pg/L
PCB 50 (BZ)	68000	C	210	pg/L
PCB 51 (BZ)	73000	C45	210	pg/L
PCB 52 (BZ)	17000		210	pg/L
PCB 53 (BZ)	68000	C50	210	pg/L
PCB 54 (BZ)	14000		210	pg/L
PCB 55 (BZ)	ND		210	pg/L
PCB 56 (BZ)	31	Q J	210	pg/L
PCB 57 (BZ)	ND		210	pg/L
PCB 58 (BZ)	79	J	210	pg/L
PCB 59 (BZ)	1400	C	210	pg/L
PCB 60 (BZ)	ND		210	pg/L
PCB 61 (BZ)	670	B C	210	pg/L
PCB 62 (BZ)	1400	C59	210	pg/L
PCB 63 (BZ)	29	J	210	pg/L
PCB 64 (BZ)	760		210	pg/L
PCB 65 (BZ)	74000	B C44	210	pg/L
PCB 66 (BZ)	700		210	pg/L
PCB 67 (BZ)	32	Q J	210	pg/L
PCB 68 (BZ)	330		210	pg/L
PCB 69 (BZ)	53000	B C49	210	pg/L
PCB 70 (BZ)	670	B C61	210	pg/L
PCB 71 (BZ)	8600	C40	210	pg/L
PCB 72 (BZ)	120	Q J	210	pg/L

TestAmerica Canton
Sample ID: MH116A-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 014	Work Order #....:	M10PR1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	962 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 73 (BZ)	3000	C43	210	12	pg/L
PCB 74 (BZ)	670	B C61	210	9.3	pg/L
PCB 75 (BZ)	1400	C59	210	9.3	pg/L
PCB 76 (BZ)	670	B C61	210	9.3	pg/L
PCB 77 (BZ)	ND		210	9.0	pg/L
PCB 78 (BZ)	ND		210	9.9	pg/L
PCB 79 (BZ)	24	Q J	210	8.7	pg/L
PCB 80 (BZ)	ND		210	8.5	pg/L
PCB 81 (BZ)	ND		210	9.0	pg/L
PCB 82 (BZ)	120	J	210	14	pg/L
PCB 83 (BZ)	11000	C	210	12	pg/L
PCB 84 (BZ)	2000		210	13	pg/L
PCB 85 (BZ)	900	C	210	9.6	pg/L
PCB 86 (BZ)	5500	B C	210	9.8	pg/L
PCB 87 (BZ)	5500	B C86	210	9.8	pg/L
PCB 88 (BZ)	13000	C	210	12	pg/L
PCB 89 (BZ)	ND		210	13	pg/L
PCB 90 (BZ)	27000	C	210	10	pg/L
PCB 91 (BZ)	13000	C88	210	12	pg/L
PCB 92 (BZ)	8400		210	11	pg/L
PCB 93 (BZ)	4300	C	210	11	pg/L
PCB 94 (BZ)	2200		210	13	pg/L
PCB 95 (BZ)	31000		210	12	pg/L
PCB 96 (BZ)	3300		210	9.6	pg/L
PCB 97 (BZ)	5500	B C86	210	9.8	pg/L
PCB 98 (BZ)	1200	Q C	210	11	pg/L
PCB 99 (BZ)	11000	C83	210	12	pg/L
PCB 100 (BZ)	4300	C93	210	11	pg/L
PCB 101 (BZ)	27000	C90	210	10	pg/L
PCB 102 (BZ)	1200	Q C98	210	11	pg/L
PCB 103 (BZ)	3300		210	11	pg/L
PCB 104 (BZ)	300	Q	210	8.5	pg/L
Monochlorobiphenyl (total)	ND		210	2.8	pg/L
PCB 105 (BZ)	230	Q	210	8.0	pg/L
Dichlorobiphenyl (total)	210	Q B J	310	.74	pg/L
Trichlorobiphenyl (total)	21000	B Q	310	120	pg/L

TestAmerica Canton
 Sample ID: MH116A-3Q13
 Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 014	Work Order #....:	M10PR1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	962 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 106 (BZ)	ND		210	8.2	pg/L
Tetrachlorobiphenyl (total)	320000	B Q	210	310	pg/L
Pentachlorobiphenyl (total)	130000	Q B	210	300	pg/L
PCB 107 (BZ)/109 (IUPAC)	490		210	7.9	pg/L
Hexachlorobiphenyl (total)	140000	Q B	210	450	pg/L
Heptachlorobiphenyl (total)	61000	Q	210	220	pg/L
PCB 108 (BZ)/107 (IUPAC)	25	Q C J	210	8.3	pg/L
Octachlorobiphenyl (total)	12000		210	70	pg/L
Nonachlorobiphenyl (total)	520	Q	210	18	pg/L
PCB 109 (BZ)/108 (IUPAC)	5500	B C86	210	9.8	pg/L
PCB 110 (BZ)	11000	C	210	8.5	pg/L
PCB 111 (BZ)	62	Q J	210	8.0	pg/L
PCB 112 (BZ)	ND		210	8.7	pg/L
PCB 113 (BZ)	27000	C90	210	10	pg/L
PCB 114 (BZ)	35	Q J	210	7.3	pg/L
PCB 115 (BZ)	11000	C110	210	8.5	pg/L
PCB 116 (BZ)	900	C85	210	9.6	pg/L
PCB 117 (BZ)	900	C85	210	9.6	pg/L
PCB 118 (BZ)	1600		210	7.4	pg/L
PCB 119 (BZ)	5500	B C86	210	9.8	pg/L
PCB 120 (BZ)	230		210	8.3	pg/L
PCB 121 (BZ)	100	Q J	210	8.3	pg/L
PCB 122 (BZ)	ND		210	8.9	pg/L
PCB 123 (BZ)	ND		210	8.2	pg/L
PCB 124 (BZ)	25	Q C108 J	210	8.3	pg/L
PCB 125 (BZ)	5500	B C86	210	9.8	pg/L
PCB 126 (BZ)	ND		210	8.4	pg/L
PCB 127 (BZ)	ND		210	8.1	pg/L
PCB 128 (BZ)	1200	C	210	13	pg/L
PCB 129 (BZ)	21000	C	210	14	pg/L
PCB 130 (BZ)	1200		210	18	pg/L
PCB 131 (BZ)	130	Q J	210	18	pg/L
PCB 132 (BZ)	8300		210	18	pg/L
PCB 133 (BZ)	770		210	17	pg/L
PCB 134 (BZ)	1500	C	210	18	pg/L
PCB 135 (BZ)	20000	C	210	17	pg/L

TestAmerica Canton
Sample ID: MH116A-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 014	Work Order #....:	M10PR1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	962 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 136 (BZ)	7900		210	13	pg/L
PCB 137 (BZ)	120	Q J	210	16	pg/L
PCB 138 (BZ)	21000	C129	210	14	pg/L
PCB 139 (BZ)	460	C	210	15	pg/L
PCB 140 (BZ)	460	C139	210	15	pg/L
PCB 141 (BZ)	3800		210	16	pg/L
PCB 142 (BZ)	ND		210	18	pg/L
PCB 143 (BZ)	1500	C134	210	18	pg/L
PCB 144 (BZ)	1300		210	16	pg/L
PCB 145 (BZ)	ND		210	12	pg/L
PCB 146 (BZ)	6800		210	15	pg/L
PCB 147 (BZ)	33000	B C	210	15	pg/L
PCB 148 (BZ)	240	Q	210	17	pg/L
PCB 149 (BZ)	33000	B C147	210	15	pg/L
PCB 150 (BZ)	280		210	12	pg/L
PCB 151 (BZ)	20000	C135	210	17	pg/L
PCB 152 (BZ)	290		210	12	pg/L
PCB 153 (BZ)	26000	B C	210	12	pg/L
PCB 154 (BZ)	1600		210	14	pg/L
PCB 155 (BZ)	ND		210	11	pg/L
PCB 156 (BZ)	650	C	210	16	pg/L
PCB 157 (BZ)	650	C156	210	16	pg/L
PCB 158 (BZ)	1400		210	11	pg/L
PCB 159 (BZ)	200	J	210	12	pg/L
PCB 160 (BZ)	21000	C129	210	14	pg/L
PCB 161 (BZ)	ND		210	12	pg/L
PCB 162 (BZ)	13	Q J	210	12	pg/L
PCB 163 (BZ)	21000	C129	210	14	pg/L
PCB 164 (BZ)	1500		210	12	pg/L
PCB 165 (BZ)	50	J	210	13	pg/L
PCB 166 (BZ)	1200	C128	210	13	pg/L
PCB 167 (BZ)	290		210	8.7	pg/L
PCB 168 (BZ)	26000	B C153	210	12	pg/L
PCB 169 (BZ)	18	Q J	210	8.5	pg/L
PCB 170 (BZ)	6500		210	13	pg/L
PCB 171 (BZ)	2300	C	210	13	pg/L

TestAmerica Canton
Sample ID: MH116A-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 014	Work Order #....:	M10PR1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	962 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 172 (BZ)	1000		210	13	pg/L
PCB 173 (BZ)	2300	C171	210	13	pg/L
PCB 174 (BZ)	7300		210	12	pg/L
PCB 175 (BZ)	220		210	11	pg/L
PCB 176 (BZ)	1000		210	8.7	pg/L
PCB 177 (BZ)	4400		210	12	pg/L
PCB 178 (BZ)	1700		210	12	pg/L
PCB 179 (BZ)	4100		210	9.2	pg/L
PCB 180 (BZ)	15000	C	210	9.7	pg/L
PCB 181 (BZ)	36	Q J	210	11	pg/L
PCB 182 (BZ)	87	J	210	11	pg/L
PCB 183 (BZ)	5100	C	210	11	pg/L
PCB 184 (BZ)	ND		210	9.5	pg/L
PCB 185 (BZ)	5100	C183	210	11	pg/L
PCB 186 (BZ)	ND		210	9.2	pg/L
PCB 187 (BZ)	9800		210	11	pg/L
PCB 188 (BZ)	36	J	210	8.3	pg/L
PCB 189 (BZ)	190	J	210	7.6	pg/L
PCB 190 (BZ)	1100		210	8.9	pg/L
PCB 191 (BZ)	280		210	8.7	pg/L
PCB 192 (BZ)	ND		210	9.7	pg/L
PCB 193 (BZ)	15000	C180	210	9.7	pg/L
PCB 194 (BZ)	3200		210	6.6	pg/L
PCB 195 (BZ)	1300		210	7.1	pg/L
PCB 196 (BZ)	1600		210	7.6	pg/L
PCB 197 (BZ)	110	J	210	5.6	pg/L
PCB 198 (BZ)	2700	C	210	7.8	pg/L
PCB 201 (BZ)/199 (IUPAC)	2700	C198	210	7.8	pg/L
PCB 199 (BZ)/200 (IUPAC)	280		210	5.5	pg/L
PCB 200 (BZ)/201 (IUPAC)	330		210	5.3	pg/L
PCB 202 (BZ)	450		210	6.0	pg/L
PCB 203 (BZ)	1700		210	7.0	pg/L
PCB 204 (BZ)	ND		210	5.9	pg/L
PCB 205 (BZ)	130	J	210	5.5	pg/L
PCB 206 (BZ)	420		210	7.5	pg/L
PCB 207 (BZ)	47	Q J	210	5.4	pg/L

TestAmerica Canton
Sample ID: MH116A-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 014	Work Order #....:	M10PR1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	962 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 208 (BZ)	60	J	210	5.6 pg/L
PCB 209 (BZ)	18	Q B J	210	7.6 pg/L

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 1	65	30 - 140
13C12-PCB 3	63	30 - 140
13C12-PCB 4	72	30 - 140
13C12-PCB 15	74	30 - 140
13C12-PCB 19	73	30 - 140
13C12-PCB 37	72	30 - 140
13C12-PCB 54	65	30 - 140
13C12-PCB 77	75	30 - 140
13C12-PCB 81	69	30 - 140
13C12-PCB 104	65	30 - 140
13C12-PCB 105	67	30 - 140
13C12-PCB 114	67	30 - 140
13C12-PCB 118	67	30 - 140
13C12-PCB 123	66	30 - 140
13C12-PCB 126	65	30 - 140
13C12-PCB 155	75	30 - 140
13C12-PCB 156	80	C 30 - 140
13C12-PCB 157	80	C 30 - 140
13C12-PCB 167	80	30 - 140
13C12-PCB 169	83	30 - 140
13C12-PCB 170	77	30 - 140
13C12-PCB 188	75	30 - 140
13C12-PCB 189	75	30 - 140
13C12-PCB 202	86	30 - 140
13C12-PCB 205	66	30 - 140
13C12-PCB 206	83	30 - 140
13C12-PCB 208	78	30 - 140
13C12-PCB 209	76	30 - 140

TestAmerica Canton
Sample ID: MH116A-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 014	Work Order #....:	M10PR1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	962 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 28	91	40 - 125
13C12-PCB 111	96	40 - 125
13C12-PCB 178	92	40 - 125

QUALIFIERS

- B Method blank contamination. The associated method blank contains the target analyte at a reportable level.
- C Co-eluting isomer.
- J Estimated Result.
- Q Estimated maximum possible concentration (EMPC).

TestAmerica Canton
Sample ID: MHP1W-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 015	Work Order #....:	M10PT1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	873 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 1 (BZ)	ND	230	1.1	pg/L
PCB 2 (BZ)	ND	230	1.3	pg/L
PCB 3 (BZ)	ND	230	1.5	pg/L
PCB 4 (BZ)	19	Q B J	340	pg/L
PCB 5 (BZ)	ND	230	8.1	pg/L
PCB 6 (BZ)	9.2	Q J	230	pg/L
PCB 7 (BZ)	ND	230	7.9	pg/L
PCB 8 (BZ)	19	Q B J	340	pg/L
PCB 9 (BZ)	ND	230	7.9	pg/L
PCB 10 (BZ)	ND	230	8.5	pg/L
PCB 11 (BZ)	68	B J	340	pg/L
PCB 12 (BZ)	5.8	Q C J	340	pg/L
PCB 13 (BZ)	5.8	Q C12 J	340	pg/L
PCB 14 (BZ)	ND	230	6.6	pg/L
PCB 15 (BZ)	16	Q B J	230	pg/L
PCB 16 (BZ)	ND	230	7.4	pg/L
PCB 17 (BZ)	56	J	230	pg/L
PCB 18 (BZ)	40	Q B C J	340	pg/L
PCB 19 (BZ)	36	Q J	230	pg/L
PCB 20 (BZ)	87	B C J	230	pg/L
PCB 21 (BZ)	83	B C J	230	pg/L
PCB 22 (BZ)	6.5	Q J	230	pg/L
PCB 23 (BZ)	ND	230	4.1	pg/L
PCB 24 (BZ)	ND	230	5.1	pg/L
PCB 25 (BZ)	69	Q J	230	pg/L
PCB 26 (BZ)	14	Q C J	230	pg/L
PCB 27 (BZ)	ND	230	4.4	pg/L
PCB 28 (BZ)	87	B C20 J	230	pg/L
PCB 29 (BZ)	14	Q C26 J	230	pg/L
PCB 30 (BZ)	40	Q B C18 J	340	pg/L
PCB 31 (BZ)	47	Q B J	230	pg/L
PCB 32 (BZ)	300		230	pg/L
PCB 33 (BZ)	83	B C21 J	230	pg/L
PCB 34 (BZ)	ND	230	4.1	pg/L
PCB 35 (BZ)	ND	230	4.2	pg/L
PCB 36 (BZ)	ND	230	4.0	pg/L

TestAmerica Canton
Sample ID: MHP1W-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 015	Work Order #....:	M10PT1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	873 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS	
PCB 37 (BZ)	ND	230	4.1	pg/L	
PCB 38 (BZ)	ND	230	4.2	pg/L	
PCB 39 (BZ)	ND	230	3.8	pg/L	
PCB 40 (BZ)	360	C	230	8.1	pg/L
PCB 41 (BZ)	360	C40	230	8.1	pg/L
PCB 42 (BZ)	72	J	230	8.2	pg/L
PCB 43 (BZ)	120	Q C J	230	7.6	pg/L
PCB 44 (BZ)	3900	B C	230	7.2	pg/L
PCB 45 (BZ)	2300	C	230	8.4	pg/L
PCB 46 (BZ)	130	J	230	9.9	pg/L
PCB 47 (BZ)	3900	B C44	230	7.2	pg/L
PCB 48 (BZ)	35	Q J	230	8.0	pg/L
PCB 49 (BZ)	2800	B C	230	6.7	pg/L
PCB 50 (BZ)	2300	C	230	7.8	pg/L
PCB 51 (BZ)	2300	C45	230	8.4	pg/L
PCB 52 (BZ)	1300		230	7.8	pg/L
PCB 53 (BZ)	2300	C50	230	7.8	pg/L
PCB 54 (BZ)	480		230	8.2	pg/L
PCB 55 (BZ)	ND		230	6.3	pg/L
PCB 56 (BZ)	22	J	230	5.9	pg/L
PCB 57 (BZ)	ND		230	6.0	pg/L
PCB 58 (BZ)	8.6	J	230	5.9	pg/L
PCB 59 (BZ)	94	C J	230	5.8	pg/L
PCB 60 (BZ)	ND		230	6.1	pg/L
PCB 61 (BZ)	220	B C J	230	5.8	pg/L
PCB 62 (BZ)	94	C59 J	230	5.8	pg/L
PCB 63 (BZ)	ND		230	5.5	pg/L
PCB 64 (BZ)	59	J	230	5.5	pg/L
PCB 65 (BZ)	3900	B C44	230	7.2	pg/L
PCB 66 (BZ)	110	J	230	5.7	pg/L
PCB 67 (BZ)	14	J	230	5.4	pg/L
PCB 68 (BZ)	29	Q J	230	5.4	pg/L
PCB 69 (BZ)	2800	B C49	230	6.7	pg/L
PCB 70 (BZ)	220	B C61 J	230	5.8	pg/L
PCB 71 (BZ)	360	C40	230	8.1	pg/L
PCB 72 (BZ)	28	Q J	230	5.8	pg/L

TestAmerica Canton
 Sample ID: MHP1W-3Q13
 Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 015	Work Order #....:	M10PT1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	873 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 73 (BZ)	120	Q C43 J	230	7.6 pg/L
PCB 74 (BZ)	220	B C61 J	230	5.8 pg/L
PCB 75 (BZ)	94	C59 J	230	5.8 pg/L
PCB 76 (BZ)	220	B C61 J	230	5.8 pg/L
PCB 77 (BZ)	9.1	Q J	230	5.5 pg/L
PCB 78 (BZ)	ND		230	6.2 pg/L
PCB 79 (BZ)	12	Q J	230	5.4 pg/L
PCB 80 (BZ)	ND		230	5.3 pg/L
PCB 81 (BZ)	ND		230	5.7 pg/L
PCB 82 (BZ)	56	Q J	230	12 pg/L
PCB 83 (BZ)	1800	C	230	10 pg/L
PCB 84 (BZ)	270		230	11 pg/L
PCB 85 (BZ)	140	Q C J	230	8.2 pg/L
PCB 86 (BZ)	1100	Q B C	230	8.4 pg/L
PCB 87 (BZ)	1100	Q B C86	230	8.4 pg/L
PCB 88 (BZ)	1000	C	230	10 pg/L
PCB 89 (BZ)	ND		230	11 pg/L
PCB 90 (BZ)	5100	C	230	8.6 pg/L
PCB 91 (BZ)	1000	C88	230	10 pg/L
PCB 92 (BZ)	1500		230	9.7 pg/L
PCB 93 (BZ)	500	C	230	9.8 pg/L
PCB 94 (BZ)	160	Q J	230	11 pg/L
PCB 95 (BZ)	4000		230	10 pg/L
PCB 96 (BZ)	180	J	230	8.2 pg/L
PCB 97 (BZ)	1100	Q B C86	230	8.4 pg/L
PCB 98 (BZ)	120	Q C J	230	9.5 pg/L
PCB 99 (BZ)	1800	C83	230	10 pg/L
PCB 100 (BZ)	500	C93	230	9.8 pg/L
PCB 101 (BZ)	5100	C90	230	8.6 pg/L
PCB 102 (BZ)	120	Q C98 J	230	9.5 pg/L
PCB 103 (BZ)	430		230	9.7 pg/L
PCB 104 (BZ)	29	Q J	230	7.3 pg/L
Monochlorobiphenyl (total)	ND		230	3.9 pg/L
PCB 105 (BZ)	170	J	230	6.7 pg/L
Dichlorobiphenyl (total)	140	Q B J	340	88 pg/L
Trichlorobiphenyl (total)	740	Q B	340	92 pg/L

TestAmerica Canton
 Sample ID: MHP1W-3Q13
 Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 015	Work Order #....:	M10PT1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	873 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 106 (BZ)	ND		230	7.2	pg/L
Tetrachlorobiphenyl (total)	14000	Q B	230	190	pg/L
Pentachlorobiphenyl (total)	20000	Q B	230	260	pg/L
PCB 107 (BZ)/109 (IUPAC)	250		230	7.0	pg/L
Hexachlorobiphenyl (total)	46000	Q B	230	400	pg/L
Heptachlorobiphenyl (total)	27000		230	200	pg/L
PCB 108 (BZ)/107 (IUPAC)	47	C J	230	7.3	pg/L
Octachlorobiphenyl (total)	5500	Q	230	110	pg/L
Nonachlorobiphenyl (total)	240	Q J	230	25	pg/L
PCB 109 (BZ)/108 (IUPAC)	1100	Q B C86	230	8.4	pg/L
PCB 110 (BZ)	1900	C	230	7.3	pg/L
PCB 111 (BZ)	18	Q J	230	6.9	pg/L
PCB 112 (BZ)	ND		230	7.5	pg/L
PCB 113 (BZ)	5100	C90	230	8.6	pg/L
PCB 114 (BZ)	20	J	230	6.6	pg/L
PCB 115 (BZ)	1900	C110	230	7.3	pg/L
PCB 116 (BZ)	140	Q C85 J	230	8.2	pg/L
PCB 117 (BZ)	140	Q C85 J	230	8.2	pg/L
PCB 118 (BZ)	680		230	6.6	pg/L
PCB 119 (BZ)	1100	Q B C86	230	8.4	pg/L
PCB 120 (BZ)	91	J	230	7.1	pg/L
PCB 121 (BZ)	ND		230	7.2	pg/L
PCB 122 (BZ)	ND		230	7.8	pg/L
PCB 123 (BZ)	12	Q J	230	7.1	pg/L
PCB 124 (BZ)	47	C108 J	230	7.3	pg/L
PCB 125 (BZ)	1100	Q B C86	230	8.4	pg/L
PCB 126 (BZ)	10	Q J	230	7.5	pg/L
PCB 127 (BZ)	ND		230	7.1	pg/L
PCB 128 (BZ)	600	C	230	12	pg/L
PCB 129 (BZ)	8100	C	230	13	pg/L
PCB 130 (BZ)	570		230	16	pg/L
PCB 131 (BZ)	58	J	230	17	pg/L
PCB 132 (BZ)	2500		230	16	pg/L
PCB 133 (BZ)	290		230	15	pg/L
PCB 134 (BZ)	440	C	230	16	pg/L
PCB 135 (BZ)	5100	C	230	15	pg/L

TestAmerica Canton
Sample ID: MHP1W-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 015	Work Order #....:	M10PT1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	873 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 136 (BZ)	1700		230	11	pg/L
PCB 137 (BZ)	64	Q J	230	14	pg/L
PCB 138 (BZ)	8100	C129	230	13	pg/L
PCB 139 (BZ)	200	C J	230	14	pg/L
PCB 140 (BZ)	200	C139 J	230	14	pg/L
PCB 141 (BZ)	1600		230	14	pg/L
PCB 142 (BZ)	ND		230	16	pg/L
PCB 143 (BZ)	440	C134	230	16	pg/L
PCB 144 (BZ)	390		230	14	pg/L
PCB 145 (BZ)	ND		230	10	pg/L
PCB 146 (BZ)	2700		230	13	pg/L
PCB 147 (BZ)	9000	B C	230	14	pg/L
PCB 148 (BZ)	69	Q J	230	14	pg/L
PCB 149 (BZ)	9000	B C147	230	14	pg/L
PCB 150 (BZ)	53	Q J	230	10	pg/L
PCB 151 (BZ)	5100	C135	230	15	pg/L
PCB 152 (BZ)	34	Q J	230	10	pg/L
PCB 153 (BZ)	9800	B C	230	11	pg/L
PCB 154 (BZ)	530		230	12	pg/L
PCB 155 (BZ)	ND		230	9.8	pg/L
PCB 156 (BZ)	430	C	230	15	pg/L
PCB 157 (BZ)	430	C156	230	15	pg/L
PCB 158 (BZ)	550		230	9.9	pg/L
PCB 159 (BZ)	120	Q J	230	11	pg/L
PCB 160 (BZ)	8100	C129	230	13	pg/L
PCB 161 (BZ)	ND		230	11	pg/L
PCB 162 (BZ)	29	J	230	10	pg/L
PCB 163 (BZ)	8100	C129	230	13	pg/L
PCB 164 (BZ)	580		230	11	pg/L
PCB 165 (BZ)	ND		230	12	pg/L
PCB 166 (BZ)	600	C128	230	12	pg/L
PCB 167 (BZ)	210	J	230	8.0	pg/L
PCB 168 (BZ)	9800	B C153	230	11	pg/L
PCB 169 (BZ)	24	J	230	7.2	pg/L
PCB 170 (BZ)	3100		230	12	pg/L
PCB 171 (BZ)	970	C	230	12	pg/L

TestAmerica Canton
Sample ID: MHP1W-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 015	Work Order #....:	M10PT1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	873 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 172 (BZ)	550		230	12	pg/L
PCB 173 (BZ)	970	C171	230	12	pg/L
PCB 174 (BZ)	3100		230	11	pg/L
PCB 175 (BZ)	130	J	230	11	pg/L
PCB 176 (BZ)	470		230	8.1	pg/L
PCB 177 (BZ)	2100		230	11	pg/L
PCB 178 (BZ)	790		230	11	pg/L
PCB 179 (BZ)	1600		230	8.5	pg/L
PCB 180 (BZ)	6800	C	230	9.0	pg/L
PCB 181 (BZ)	ND		230	11	pg/L
PCB 182 (BZ)	67	J	230	10	pg/L
PCB 183 (BZ)	2100	C	230	11	pg/L
PCB 184 (BZ)	ND		230	8.8	pg/L
PCB 185 (BZ)	2100	C183	230	11	pg/L
PCB 186 (BZ)	ND		230	8.5	pg/L
PCB 187 (BZ)	4200		230	9.9	pg/L
PCB 188 (BZ)	ND		230	7.8	pg/L
PCB 189 (BZ)	120	J	230	7.2	pg/L
PCB 190 (BZ)	560		230	8.2	pg/L
PCB 191 (BZ)	160	J	230	8.1	pg/L
PCB 192 (BZ)	ND		230	9.0	pg/L
PCB 193 (BZ)	6800	C180	230	9.0	pg/L
PCB 194 (BZ)	1500		230	12	pg/L
PCB 195 (BZ)	640		230	13	pg/L
PCB 196 (BZ)	690		230	12	pg/L
PCB 197 (BZ)	43	Q J	230	8.8	pg/L
PCB 198 (BZ)	1300	C	230	12	pg/L
PCB 201 (BZ)/199 (IUPAC)	1300	C198	230	12	pg/L
PCB 199 (BZ)/200 (IUPAC)	120	Q J	230	8.6	pg/L
PCB 200 (BZ)/201 (IUPAC)	150	J	230	8.3	pg/L
PCB 202 (BZ)	230		230	9.3	pg/L
PCB 203 (BZ)	710		230	11	pg/L
PCB 204 (BZ)	ND		230	9.1	pg/L
PCB 205 (BZ)	79	Q J	230	10	pg/L
PCB 206 (BZ)	190	J	230	9.8	pg/L
PCB 207 (BZ)	22	Q J	230	7.2	pg/L

TestAmerica Canton
Sample ID: MHP1W-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 015	Work Order #....:	M10PT1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	873 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 208 (BZ)	26	Q J	230	7.7 pg/L
PCB 209 (BZ)	24	B J	230	11 pg/L

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 1	67	30 - 140
13C12-PCB 3	66	30 - 140
13C12-PCB 4	82	30 - 140
13C12-PCB 15	85	30 - 140
13C12-PCB 19	82	30 - 140
13C12-PCB 37	87	30 - 140
13C12-PCB 54	79	30 - 140
13C12-PCB 77	84	30 - 140
13C12-PCB 81	81	30 - 140
13C12-PCB 104	76	30 - 140
13C12-PCB 105	79	30 - 140
13C12-PCB 114	79	30 - 140
13C12-PCB 118	78	30 - 140
13C12-PCB 123	76	30 - 140
13C12-PCB 126	77	30 - 140
13C12-PCB 155	86	30 - 140
13C12-PCB 156	86	C 30 - 140
13C12-PCB 157	86	C 30 - 140
13C12-PCB 167	87	30 - 140
13C12-PCB 169	93	30 - 140
13C12-PCB 170	90	30 - 140
13C12-PCB 188	88	30 - 140
13C12-PCB 189	86	30 - 140
13C12-PCB 202	103	30 - 140
13C12-PCB 205	70	30 - 140
13C12-PCB 206	94	30 - 140
13C12-PCB 208	90	30 - 140
13C12-PCB 209	85	30 - 140

TestAmerica Canton
Sample ID: MHP1W-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 015	Work Order #....:	M10PT1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	873 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 28	98	40 - 125
13C12-PCB 111	103	40 - 125
13C12-PCB 178	99	40 - 125

QUALIFIERS

- B Method blank contamination. The associated method blank contains the target analyte at a reportable level.
- C Co-eluting isomer.
- J Estimated Result.
- Q Estimated maximum possible concentration (EMPC).

TestAmerica Canton
Sample ID: MH151-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 016	Work Order #....:	M10PV1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	854 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS	
PCB 1 (BZ)	ND	230	0.97	pg/L	
PCB 2 (BZ)	ND	230	1.1	pg/L	
PCB 3 (BZ)	5.2	Q B J	230	1.2	pg/L
PCB 4 (BZ)	65	Q B J	350	9.2	pg/L
PCB 5 (BZ)	5.7	Q J	230	7.2	pg/L
PCB 6 (BZ)	8.5	Q J	230	6.8	pg/L
PCB 7 (BZ)	3.4	Q J	230	7.0	pg/L
PCB 8 (BZ)	53	Q B J	350	6.7	pg/L
PCB 9 (BZ)	ND	230	7.0	pg/L	
PCB 10 (BZ)	10	Q J	230	7.6	pg/L
PCB 11 (BZ)	42	Q B J	350	6.7	pg/L
PCB 12 (BZ)	8.2	Q C J	350	6.9	pg/L
PCB 13 (BZ)	8.2	Q C12 J	350	6.9	pg/L
PCB 14 (BZ)	3.9	Q J	230	5.9	pg/L
PCB 15 (BZ)	71	Q B J	230	7.1	pg/L
PCB 16 (BZ)	65	J	230	5.5	pg/L
PCB 17 (BZ)	69	J	230	4.6	pg/L
PCB 18 (BZ)	160	B C J	350	4.1	pg/L
PCB 19 (BZ)	45	J	230	5.6	pg/L
PCB 20 (BZ)	190	B C J	230	2.9	pg/L
PCB 21 (BZ)	59	B C J	230	2.9	pg/L
PCB 22 (BZ)	52	J	230	3.0	pg/L
PCB 23 (BZ)	ND	230	3.0	pg/L	
PCB 24 (BZ)	4.4	Q J	230	3.9	pg/L
PCB 25 (BZ)	38	J	230	2.7	pg/L
PCB 26 (BZ)	60	C J	230	2.9	pg/L
PCB 27 (BZ)	16	Q J	230	3.3	pg/L
PCB 28 (BZ)	190	B C20 J	230	2.9	pg/L
PCB 29 (BZ)	60	C26 J	230	2.9	pg/L
PCB 30 (BZ)	160	B C18 J	350	4.1	pg/L
PCB 31 (BZ)	120	B J	230	2.8	pg/L
PCB 32 (BZ)	70	Q J	230	3.3	pg/L
PCB 33 (BZ)	59	B C21 J	230	2.9	pg/L
PCB 34 (BZ)	ND	230	3.0	pg/L	
PCB 35 (BZ)	ND	230	3.1	pg/L	
PCB 36 (BZ)	ND	230	2.9	pg/L	

TestAmerica Canton
Sample ID: MH151-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 016	Work Order #....:	M10PV1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	854 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 37 (BZ)	58	J	230	3.0	pg/L
PCB 38 (BZ)	ND		230	3.1	pg/L
PCB 39 (BZ)	ND		230	2.8	pg/L
PCB 40 (BZ)	130	C J	230	4.7	pg/L
PCB 41 (BZ)	130	C40 J	230	4.7	pg/L
PCB 42 (BZ)	66	J	230	4.8	pg/L
PCB 43 (BZ)	10	C J	230	4.4	pg/L
PCB 44 (BZ)	330	B C	230	4.2	pg/L
PCB 45 (BZ)	59	C J	230	4.9	pg/L
PCB 46 (BZ)	19	J	230	5.8	pg/L
PCB 47 (BZ)	330	B C44	230	4.2	pg/L
PCB 48 (BZ)	32	J	230	4.7	pg/L
PCB 49 (BZ)	200	B C J	230	3.9	pg/L
PCB 50 (BZ)	46	C J	230	4.6	pg/L
PCB 51 (BZ)	59	C45 J	230	4.9	pg/L
PCB 52 (BZ)	630		230	4.6	pg/L
PCB 53 (BZ)	46	C50 J	230	4.6	pg/L
PCB 54 (BZ)	ND		230	5.0	pg/L
PCB 55 (BZ)	ND		230	3.7	pg/L
PCB 56 (BZ)	85	J	230	3.4	pg/L
PCB 57 (BZ)	ND		230	3.5	pg/L
PCB 58 (BZ)	5.6	Q J	230	3.5	pg/L
PCB 59 (BZ)	28	Q C J	230	3.4	pg/L
PCB 60 (BZ)	28	J	230	3.6	pg/L
PCB 61 (BZ)	320	B C	230	3.4	pg/L
PCB 62 (BZ)	28	Q C59 J	230	3.4	pg/L
PCB 63 (BZ)	9.4	J	230	3.2	pg/L
PCB 64 (BZ)	97	J	230	3.2	pg/L
PCB 65 (BZ)	330	B C44	230	4.2	pg/L
PCB 66 (BZ)	210	J	230	3.3	pg/L
PCB 67 (BZ)	11	J	230	3.1	pg/L
PCB 68 (BZ)	ND		230	3.2	pg/L
PCB 69 (BZ)	200	B C49 J	230	3.9	pg/L
PCB 70 (BZ)	320	B C61	230	3.4	pg/L
PCB 71 (BZ)	130	C40 J	230	4.7	pg/L
PCB 72 (BZ)	8.2	J	230	3.4	pg/L

TestAmerica Canton
Sample ID: MH151-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 016	Work Order #....:	M10PV1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	854 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 73 (BZ)	10	C43 J	230	4.4
PCB 74 (BZ)	320	B C61	230	3.4
PCB 75 (BZ)	28	Q C59 J	230	3.4
PCB 76 (BZ)	320	B C61	230	3.4
PCB 77 (BZ)	25	Q J	230	3.2
PCB 78 (BZ)	ND		230	3.6
PCB 79 (BZ)	12	J	230	3.2
PCB 80 (BZ)	ND		230	3.1
PCB 81 (BZ)	ND		230	3.3
PCB 82 (BZ)	150	J	230	8.1
PCB 83 (BZ)	630	C	230	6.8
PCB 84 (BZ)	370		230	7.8
PCB 85 (BZ)	190	C J	230	5.6
PCB 86 (BZ)	860	B C	230	5.8
PCB 87 (BZ)	860	B C86	230	5.8
PCB 88 (BZ)	160	Q C J	230	6.9
PCB 89 (BZ)	ND		230	7.5
PCB-90 (BZ)	1900	C	230	5.9
PCB 91 (BZ)	160	Q C88 J	230	6.9
PCB 92 (BZ)	340		230	6.7
PCB 93 (BZ)	27	C J	230	6.7
PCB 94 (BZ)	ND		230	7.5
PCB 95 (BZ)	1900		230	7.1
PCB 96 (BZ)	ND		230	5.6
PCB 97 (BZ)	860	B C86	230	5.8
PCB 98 (BZ)	33	C J	230	6.5
PCB 99 (BZ)	630	C83	230	6.8
PCB 100 (BZ)	27	C93 J	230	6.7
PCB 101 (BZ)	1900	C90	230	5.9
PCB 102 (BZ)	33	C98 J	230	6.5
PCB 103 (BZ)	13	Q J	230	6.6
PCB 104 (BZ)	ND		230	5.0
Monochlorobiphenyl (total)	5.2	Q B J	230	3.2
PCB 105 (BZ)	310		230	4.7
Dichlorobiphenyl (total)	270	Q B J	350	78
Trichlorobiphenyl (total)	1000	J B Q	350	68

TestAmerica Canton
Sample ID: MH151-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 016	Work Order #....:	M10PV1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	854 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 106 (BZ)	ND		230	5.0	pg/L
Tetrachlorobiphenyl (total)	2400	B Q	230	110	pg/L
Pentachlorobiphenyl (total)	9900	Q B	230	180	pg/L
PCB 107 (BZ)/109 (IUPAC)	83	J	230	4.8	pg/L
Hexachlorobiphenyl (total)	20000	B Q	230	250	pg/L
Heptachlorobiphenyl (total)	14000		230	130	pg/L
PCB 108 (BZ)/107 (IUPAC)	55	C J	230	5.1	pg/L
Octachlorobiphenyl (total)	3000	Q	230	73	pg/L
Nonachlorobiphenyl (total)	180	Q J	230	18	pg/L
PCB 109 (BZ)/108 (IUPAC)	860	B C86	230	5.8	pg/L
PCB 110 (BZ)	1900	C	230	5.0	pg/L
PCB 111 (BZ)	ND		230	4.7	pg/L
PCB 112 (BZ)	ND		230	5.1	pg/L
PCB 113 (BZ)	1900	C90	230	5.9	pg/L
PCB 114 (BZ)	10	Q J	230	4.4	pg/L
PCB 115 (BZ)	1900	C110	230	5.0	pg/L
PCB 116 (BZ)	190	C85 J	230	5.6	pg/L
PCB 117 (BZ)	190	C85 J	230	5.6	pg/L
PCB 118 (BZ)	950		230	4.7	pg/L
PCB 119 (BZ)	860	B C86	230	5.8	pg/L
PCB 120 (BZ)	ND		230	4.9	pg/L
PCB 121 (BZ)	ND		230	4.9	pg/L
PCB 122 (BZ)	ND		230	5.4	pg/L
PCB 123 (BZ)	13	Q J	230	5.0	pg/L
PCB 124 (BZ)	55	C108 J	230	5.1	pg/L
PCB 125 (BZ)	860	B C86	230	5.8	pg/L
PCB 126 (BZ)	10	Q J	230	5.0	pg/L
PCB 127 (BZ)	ND		230	4.9	pg/L
PCB 128 (BZ)	ND		230	7.6	pg/L
PCB 129 (BZ)	4600	C	230	7.9	pg/L
PCB 130 (BZ)	210	J	230	10	pg/L
PCB 131 (BZ)	43	J	230	10	pg/L
PCB 132 (BZ)	1400		230	9.9	pg/L
PCB 133 (BZ)	49	Q J	230	9.6	pg/L
PCB 134 (BZ)	220	C J	230	10	pg/L
PCB 135 (BZ)	2000	C	230	8.8	pg/L

TestAmerica Canton
Sample ID: MH151-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 016	Work Order #....:	M10PV1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	854 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 136 (BZ)	640		230	6.4	pg/L
PCB 137 (BZ)	85	J	230	8.8	pg/L
PCB 138 (BZ)	4600	C129	230	7.9	pg/L
PCB 139 (BZ)	38	Q C J	230	8.7	pg/L
PCB 140 (BZ)	38	Q C139 J	230	8.7	pg/L
PCB 141 (BZ)	1100		230	9.1	pg/L
PCB 142 (BZ)	ND		230	10	pg/L
PCB 143 (BZ)	220	C134 J	230	10	pg/L
PCB 144 (BZ)	270		230	8.1	pg/L
PCB 145 (BZ)	ND		230	6.1	pg/L
PCB 146 (BZ)	590		230	8.3	pg/L
PCB 147 (BZ)	3800	B C	230	8.5	pg/L
PCB 148 (BZ)	ND		230	8.6	pg/L
PCB 149 (BZ)	3800	B C147	230	8.5	pg/L
PCB 150 (BZ)	ND		230	6.0	pg/L
PCB 151 (BZ)	2000	C135	230	8.8	pg/L
PCB 152 (BZ)	ND		230	6.1	pg/L
PCB 153 (BZ)	4100	B C	230	6.8	pg/L
PCB 154 (BZ)	31	J	230	7.1	pg/L
PCB 155 (BZ)	ND		230	5.8	pg/L
PCB 156 (BZ)	320	C	230	8.7	pg/L
PCB 157 (BZ)	320	C156	230	8.7	pg/L
PCB 158 (BZ)	430		230	6.2	pg/L
PCB 159 (BZ)	69	J	230	6.7	pg/L
PCB 160 (BZ)	4600	C129	230	7.9	pg/L
PCB 161 (BZ)	ND		230	6.6	pg/L
PCB 162 (BZ)	17	Q J	230	6.6	pg/L
PCB 163 (BZ)	4600	C129	230	7.9	pg/L
PCB 164 (BZ)	350		230	6.9	pg/L
PCB 165 (BZ)	ND		230	7.3	pg/L
PCB 166 (BZ)	ND		230	7.6	pg/L
PCB 167 (BZ)	160	J	230	5.0	pg/L
PCB 168 (BZ)	4100	B C153	230	6.8	pg/L
PCB 169 (BZ)	11	Q J	230	4.8	pg/L
PCB 170 (BZ)	1700		230	7.7	pg/L
PCB 171 (BZ)	550	C	230	7.7	pg/L

TestAmerica Canton
Sample ID: MH151-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 016	Work Order #....:	M10PV1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	854 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 172 (BZ)	310		230	7.7	pg/L
PCB 173 (BZ)	550	C171	230	7.7	pg/L
PCB 174 (BZ)	1800		230	7.2	pg/L
PCB 175 (BZ)	72	J	230	6.9	pg/L
PCB 176 (BZ)	220	J	230	5.2	pg/L
PCB 177 (BZ)	970		230	7.4	pg/L
PCB 178 (BZ)	340		230	7.4	pg/L
PCB 179 (BZ)	670		230	5.5	pg/L
PCB 180 (BZ)	3800	C	230	5.9	pg/L
PCB 181 (BZ)	ND		230	6.9	pg/L
PCB 182 (BZ)	ND		230	6.7	pg/L
PCB 183 (BZ)	1200	C	230	6.8	pg/L
PCB 184 (BZ)	ND		230	5.7	pg/L
PCB 185 (BZ)	1200	C183	230	6.8	pg/L
PCB 186 (BZ)	ND		230	5.5	pg/L
PCB 187 (BZ)	1800		230	6.4	pg/L
PCB 188 (BZ)	ND		230	5.0	pg/L
PCB 189 (BZ)	73	J	230	4.9	pg/L
PCB 190 (BZ)	330		230	5.3	pg/L
PCB 191 (BZ)	86	J	230	5.2	pg/L
PCB 192 (BZ)	ND		230	5.9	pg/L
PCB 193 (BZ)	3800	C180	230	5.9	pg/L
PCB 194 (BZ)	790		230	7.1	pg/L
PCB 195 (BZ)	330		230	7.7	pg/L
PCB 196 (BZ)	390		230	7.8	pg/L
PCB 197 (BZ)	23	Q J	230	5.8	pg/L
PCB 198 (BZ)	760	C	230	8.0	pg/L
PCB 201 (BZ)/199 (IUPAC)	760	C198	230	8.0	pg/L
PCB 199 (BZ)/200 (IUPAC)	85	J	230	5.7	pg/L
PCB 200 (BZ)/201 (IUPAC)	88	J	230	5.5	pg/L
PCB 202 (BZ)	110	J	230	6.2	pg/L
PCB 203 (BZ)	410	Q	230	7.2	pg/L
PCB 204 (BZ)	ND		230	6.0	pg/L
PCB 205 (BZ)	52	J	230	6.0	pg/L
PCB 206 (BZ)	140	J	230	7.0	pg/L
PCB 207 (BZ)	14	Q J	230	5.2	pg/L

TestAmerica Canton
Sample ID: MH151-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 016	Work Order #....:	M10PV1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	854 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 208 (BZ)	24	Q J	230	5.5 pg/L
PCB 209 (BZ)	15	Q B J	230	6.8 pg/L

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 1	62	30 - 140
13C12-PCB 3	62	30 - 140
13C12-PCB 4	80	30 - 140
13C12-PCB 15	81	30 - 140
13C12-PCB 19	82	30 - 140
13C12-PCB 37	90	30 - 140
13C12-PCB 54	79	30 - 140
13C12-PCB 77	88	30 - 140
13C12-PCB 81	86	30 - 140
13C12-PCB 104	82	30 - 140
13C12-PCB 105	81	30 - 140
13C12-PCB 114	83	30 - 140
13C12-PCB 118	79	30 - 140
13C12-PCB 123	78	30 - 140
13C12-PCB 126	78	30 - 140
13C12-PCB 155	92	30 - 140
13C12-PCB 156	97	C 30 - 140
13C12-PCB 157	97	C 30 - 140
13C12-PCB 167	95	30 - 140
13C12-PCB 169	101	30 - 140
13C12-PCB 170	96	30 - 140
13C12-PCB 188	91	30 - 140
13C12-PCB 189	89	30 - 140
13C12-PCB 202	103	30 - 140
13C12-PCB 205	82	30 - 140
13C12-PCB 206	102	30 - 140
13C12-PCB 208	94	30 - 140
13C12-PCB 209	96	30 - 140

TestAmerica Canton
Sample ID: MH151-3Q13
Trace Level Organic Compounds

Lot - Sample #....:	H3I170418 - 016	Work Order #....:	M10PV1AA	Matrix....:	WATER
Date Sampled....:	09/12/13	Date Received....:	09/17/13	Dilution Factor:	5
Prep Date....:	09/22/13	Analysis Date....:	10/02/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	854 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Jon M. Nordquist				

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 28	93	40 - 125
13C12-PCB 111	97	40 - 125
13C12-PCB 178	96	40 - 125

QUALIFIERS

- B Method blank contamination. The associated method blank contains the target analyte at a reportable level.
- C Co-eluting isomer.
- J Estimated Result.
- Q Estimated maximum possible concentration (EMPC).

Method Blank Report
Trace Level Organic Compounds

Lot - Sample #....:	H3I200000 - 028B	Work Order #....:	M117J1AA	Matrix....:	WATER
Dilution Factor:	1				
Prep Date....:	09/22/13	Analysis Date....: 10/01/13			
Prep Batch #:	3263028				
Initial Wgt/Vol :	1000 mL	Instrument ID....:	M1D	Method: EPA-22 1668A	
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 1 (BZ)	ND		40	0.24	pg/L
PCB 2 (BZ)	ND		40	0.27	pg/L
PCB 3 (BZ)	1.9	Q J	40	0.32	pg/L
PCB 4 (BZ)	2.4	Q J	60	1.9	pg/L
PCB 5 (BZ)	ND		40	1.5	pg/L
PCB 6 (BZ)	ND		40	1.4	pg/L
PCB 7 (BZ)	ND		40	1.5	pg/L
PCB 8 (BZ)	5.2	Q J	60	1.4	pg/L
PCB 9 (BZ)	ND		40	1.5	pg/L
PCB 10 (BZ)	ND		40	1.6	pg/L
PCB 11 (BZ)	10	Q J	60	1.4	pg/L
PCB 12 (BZ)	ND		60	1.4	pg/L
PCB 13 (BZ)	ND		60	1.4	pg/L
PCB 14 (BZ)	ND		40	1.2	pg/L
PCB 15 (BZ)	2.6	Q J	40	1.5	pg/L
PCB 16 (BZ)	ND		40	1.3	pg/L
PCB 17 (BZ)	ND		40	1.1	pg/L
PCB 18 (BZ)	3.6	C J	60	0.97	pg/L
PCB 19 (BZ)	ND		40	1.3	pg/L
PCB 20 (BZ)	3.3	Q C J	40	0.66	pg/L
PCB 21 (BZ)	2.1	C J	40	0.66	pg/L
PCB 22 (BZ)	ND		40	0.67	pg/L
PCB 23 (BZ)	ND		40	0.68	pg/L
PCB 24 (BZ)	ND		40	0.92	pg/L
PCB 25 (BZ)	ND		40	0.61	pg/L
PCB 26 (BZ)	ND		40	0.65	pg/L
PCB 27 (BZ)	ND		40	0.79	pg/L
PCB 28 (BZ)	3.3	Q C20 J	40	0.66	pg/L
PCB 29 (BZ)	ND		40	0.65	pg/L
PCB 30 (BZ)	3.6	C18 J	60	0.97	pg/L
PCB 31 (BZ)	2.5	Q J	40	0.64	pg/L
PCB 32 (BZ)	ND		40	0.77	pg/L
PCB 33 (BZ)	2.1	C21 J	40	0.66	pg/L
PCB 34 (BZ)	ND		40	0.67	pg/L
PCB 35 (BZ)	ND		40	0.69	pg/L
PCB 36 (BZ)	ND		40	0.67	pg/L

Method Blank Report
Trace Level Organic Compounds

Lot - Sample #....:	H3I200000 - 028B	Work Order #....:	M117J1AA	Matrix....:	WATER
Dilution Factor:	1				
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	1000 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 37 (BZ)	ND		40	0.69	pg/L
PCB 38 (BZ)	ND		40	0.71	pg/L
PCB 39 (BZ)	ND		40	0.63	pg/L
PCB 40 (BZ)	ND		40	1.0	pg/L
PCB 41 (BZ)	ND		40	1.0	pg/L
PCB 42 (BZ)	ND		40	1.1	pg/L
PCB 43 (BZ)	ND		40	0.97	pg/L
PCB 44 (BZ)	4.2	C J	40	0.93	pg/L
PCB 45 (BZ)	ND		40	1.1	pg/L
PCB 46 (BZ)	ND		40	1.3	pg/L
PCB 47 (BZ)	4.2	C44 J	40	0.93	pg/L
PCB 48 (BZ)	ND		40	1.0	pg/L
PCB 49 (BZ)	1.4	C J	40	0.86	pg/L
PCB 50 (BZ)	ND		40	1.0	pg/L
PCB 51 (BZ)	ND		40	1.1	pg/L
PCB 52 (BZ)	ND		40	1.0	pg/L
PCB 53 (BZ)	ND		40	1.0	pg/L
PCB 54 (BZ)	ND		40	1.3	pg/L
PCB 55 (BZ)	ND		40	0.81	pg/L
PCB 56 (BZ)	ND		40	0.76	pg/L
PCB 57 (BZ)	ND		40	0.77	pg/L
PCB 58 (BZ)	ND		40	0.76	pg/L
PCB 59 (BZ)	ND		40	0.74	pg/L
PCB 60 (BZ)	ND		40	0.78	pg/L
PCB 61 (BZ)	2.8	C J	40	0.74	pg/L
PCB 62 (BZ)	ND		40	0.74	pg/L
PCB 63 (BZ)	ND		40	0.71	pg/L
PCB 64 (BZ)	ND		40	0.70	pg/L
PCB 65 (BZ)	4.2	C44 J	40	0.93	pg/L
PCB 66 (BZ)	ND		40	0.74	pg/L
PCB 67 (BZ)	ND		40	0.69	pg/L
PCB 68 (BZ)	ND		40	0.70	pg/L
PCB 69 (BZ)	1.4	C49 J	40	0.86	pg/L
PCB 70 (BZ)	2.8	C61 J	40	0.74	pg/L
PCB 71 (BZ)	ND		40	1.0	pg/L
PCB 72 (BZ)	ND		40	0.75	pg/L

Method Blank Report
Trace Level Organic Compounds

Lot - Sample #....: H3I200000 - 028B Work Order #....: M117J1AA Matrix....: WATER
 Dilution Factor: 1
 Prep Date....: 09/22/13 Analysis Date....: 10/01/13
 Prep Batch #: 3263028
 Initial Wgt/Vol : 1000 mL Instrument ID....: M1D Method: EPA-22 1668A
 Analyst ID....: Patricia(Trish) M. Parsly

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 73 (BZ)	ND		40	0.97	pg/L
PCB 74 (BZ)	2.8	C61 J	40	0.74	pg/L
PCB 75 (BZ)	ND		40	0.74	pg/L
PCB 76 (BZ)	2.8	C61 J	40	0.74	pg/L
PCB 77 (BZ)	ND		40	0.71	pg/L
PCB 78 (BZ)	ND		40	0.79	pg/L
PCB 79 (BZ)	ND		40	0.70	pg/L
PCB 80 (BZ)	ND		40	0.68	pg/L
PCB 81 (BZ)	ND		40	0.73	pg/L
PCB 82 (BZ)	ND		40	1.3	pg/L
PCB 83 (BZ)	ND		40	1.1	pg/L
PCB 84 (BZ)	ND		40	1.2	pg/L
PCB 85 (BZ)	ND		40	0.88	pg/L
PCB 86 (BZ)	4.2	C J	40	0.90	pg/L
PCB 87 (BZ)	4.2	C86 J	40	0.90	pg/L
PCB 88 (BZ)	ND		40	1.1	pg/L
PCB 89 (BZ)	ND		40	1.2	pg/L
PCB 90 (BZ)	ND		40	0.92	pg/L
PCB 91 (BZ)	ND		40	1.1	pg/L
PCB 92 (BZ)	ND		40	1.0	pg/L
PCB 93 (BZ)	ND		40	1.0	pg/L
PCB 94 (BZ)	ND		40	1.2	pg/L
PCB 95 (BZ)	ND		40	1.1	pg/L
PCB 96 (BZ)	ND		40	0.88	pg/L
PCB 97 (BZ)	4.2	C86 J	40	0.90	pg/L
PCB 98 (BZ)	ND		40	1.0	pg/L
PCB 99 (BZ)	ND		40	1.1	pg/L
PCB 100 (BZ)	ND		40	1.0	pg/L
PCB 101 (BZ)	ND		40	0.92	pg/L
PCB 102 (BZ)	ND		40	1.0	pg/L
PCB 103 (BZ)	ND		40	1.0	pg/L
PCB 104 (BZ)	ND		40	0.78	pg/L
Monochlorobiphenyl (total)	1.9	Q J	40	0.83	pg/L
PCB 105 (BZ)	ND		40	0.70	pg/L
Dichlorobiphenyl (total)	20	Q J	60	16	pg/L
Trichlorobiphenyl (total)	11	J Q	60	16	pg/L

Method Blank Report
Trace Level Organic Compounds

Lot - Sample #....:	H3I200000 - 028B	Work Order #....:	M117J1AA	Matrix....:	WATER
Dilution Factor:	1				
Prep Date....:	09/22/13	Analysis Date....: 10/01/13			
Prep Batch #:	3263028				
Initial Wgt/Vol :	1000 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 106 (BZ)	ND		40	0.74	pg/L
Tetrachlorobiphenyl (total)	8.5	J	40	25	pg/L
Pentachlorobiphenyl (total)	4.2	J	40	28	pg/L
PCB 107 (BZ)/109 (IUPAC)	ND		40	0.72	pg/L
Hexachlorobiphenyl (total)	4.3	Q J	40	42	pg/L
Heptachlorobiphenyl (total)	ND		40	22	pg/L
PCB 108 (BZ)/107 (IUPAC)	ND		40	0.75	pg/L
Octachlorobiphenyl (total)	ND		40	9.1	pg/L
Nonachlorobiphenyl (total)	ND		40	2.8	pg/L
PCB 109 (BZ)/108 (IUPAC)	4.2	C86 J	40	0.90	pg/L
PCB 110 (BZ)	ND		40	0.78	pg/L
PCB 111 (BZ)	ND		40	0.74	pg/L
PCB 112 (BZ)	ND		40	0.80	pg/L
PCB 113 (BZ)	ND		40	0.92	pg/L
PCB 114 (BZ)	ND		40	0.68	pg/L
PCB 115 (BZ)	ND		40	0.78	pg/L
PCB 116 (BZ)	ND		40	0.88	pg/L
PCB 117 (BZ)	ND		40	0.88	pg/L
PCB 118 (BZ)	ND		40	0.69	pg/L
PCB 119 (BZ)	4.2	C86 J	40	0.90	pg/L
PCB 120 (BZ)	ND		40	0.76	pg/L
PCB 121 (BZ)	ND		40	0.76	pg/L
PCB 122 (BZ)	ND		40	0.80	pg/L
PCB 123 (BZ)	ND		40	0.74	pg/L
PCB 124 (BZ)	ND		40	0.75	pg/L
PCB 125 (BZ)	4.2	C86 J	40	0.90	pg/L
PCB 126 (BZ)	ND		40	0.74	pg/L
PCB 127 (BZ)	ND		40	0.73	pg/L
PCB 128 (BZ)	ND		40	1.3	pg/L
PCB 129 (BZ)	ND		40	1.3	pg/L
PCB 130 (BZ)	ND		40	1.7	pg/L
PCB 131 (BZ)	ND		40	1.7	pg/L
PCB 132 (BZ)	ND		40	1.7	pg/L
PCB 133 (BZ)	ND		40	1.6	pg/L
PCB 134 (BZ)	ND		40	1.7	pg/L
PCB 135 (BZ)	ND		40	1.5	pg/L

Method Blank Report
Trace Level Organic Compounds

Lot - Sample #....:	H3I200000 - 028B	Work Order #....:	M117J1AA	Matrix....:	WATER
Dilution Factor:	1				
Prep Date....:	09/22/13	Analysis Date....:	10/01/13		
Prep Batch #:	3263028				
Initial Wgt/Vol :	1000 mL	Instrument ID....:	M1D	Method:	EPA-22 1668A
Analyst ID....:	Patricia(Trish) M. Parsly				

PARAMETER	RESULT		MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 136 (BZ)	ND		40	1.1	pg/L
PCB 137 (BZ)	ND		40	1.5	pg/L
PCB 138 (BZ)	ND		40	1.3	pg/L
PCB 139 (BZ)	ND		40	1.5	pg/L
PCB 140 (BZ)	ND		40	1.5	pg/L
PCB 141 (BZ)	ND		40	1.5	pg/L
PCB 142 (BZ)	ND		40	1.7	pg/L
PCB 143 (BZ)	ND		40	1.7	pg/L
PCB 144 (BZ)	ND		40	1.4	pg/L
PCB 145 (BZ)	ND		40	1.0	pg/L
PCB 146 (BZ)	ND		40	1.4	pg/L
PCB 147 (BZ)	1.9	Q C J	40	1.4	pg/L
PCB 148 (BZ)	ND		40	1.5	pg/L
PCB 149 (BZ)	1.9	Q C147 J	40	1.4	pg/L
PCB 150 (BZ)	ND		40	1.0	pg/L
PCB 151 (BZ)	ND		40	1.5	pg/L
PCB 152 (BZ)	ND		40	1.0	pg/L
PCB 153 (BZ)	2.4	C J	40	1.1	pg/L
PCB 154 (BZ)	ND		40	1.2	pg/L
PCB 155 (BZ)	ND		40	0.99	pg/L
PCB 156 (BZ)	ND		40	1.4	pg/L
PCB 157 (BZ)	ND		40	1.4	pg/L
PCB 158 (BZ)	ND		40	1.0	pg/L
PCB 159 (BZ)	ND		40	1.1	pg/L
PCB 160 (BZ)	ND		40	1.3	pg/L
PCB 161 (BZ)	ND		40	1.1	pg/L
PCB 162 (BZ)	ND		40	1.1	pg/L
PCB 163 (BZ)	ND		40	1.3	pg/L
PCB 164 (BZ)	ND		40	1.2	pg/L
PCB 165 (BZ)	ND		40	1.2	pg/L
PCB 166 (BZ)	ND		40	1.3	pg/L
PCB 167 (BZ)	ND		40	0.77	pg/L
PCB 168 (BZ)	2.4	C153 J	40	1.1	pg/L
PCB 169 (BZ)	ND		40	0.94	pg/L
PCB 170 (BZ)	ND		40	1.3	pg/L
PCB 171 (BZ)	ND		40	1.3	pg/L

Method Blank Report
Trace Level Organic Compounds

Lot - Sample #....: H3I200000 - 028B Work Order #....: M117J1AA Matrix....: WATER
 Dilution Factor: 1
 Prep Date....: 09/22/13 Analysis Date....: 10/01/13
 Prep Batch #: 3263028
 Initial Wgt/Vol : 1000 mL Instrument ID....: M1D Method: EPA-22 1668A
 Analyst ID....: Patricia(Trish) M. Parsly

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 172 (BZ)	ND	40	1.3	pg/L
PCB 173 (BZ)	ND	40	1.3	pg/L
PCB 174 (BZ)	ND	40	1.2	pg/L
PCB 175 (BZ)	ND	40	1.1	pg/L
PCB 176 (BZ)	ND	40	0.86	pg/L
PCB 177 (BZ)	ND	40	1.2	pg/L
PCB 178 (BZ)	ND	40	1.2	pg/L
PCB 179 (BZ)	ND	40	0.91	pg/L
PCB 180 (BZ)	ND	40	0.96	pg/L
PCB 181 (BZ)	ND	40	1.1	pg/L
PCB 182 (BZ)	ND	40	1.1	pg/L
PCB 183 (BZ)	ND	40	1.1	pg/L
PCB 184 (BZ)	ND	40	0.93	pg/L
PCB 185 (BZ)	ND	40	1.1	pg/L
PCB 186 (BZ)	ND	40	0.90	pg/L
PCB 187 (BZ)	ND	40	1.0	pg/L
PCB 188 (BZ)	ND	40	0.80	pg/L
PCB 189 (BZ)	ND	40	0.88	pg/L
PCB 190 (BZ)	ND	40	0.87	pg/L
PCB 191 (BZ)	ND	40	0.86	pg/L
PCB 192 (BZ)	ND	40	0.96	pg/L
PCB 193 (BZ)	ND	40	0.96	pg/L
PCB 194 (BZ)	ND	40	0.97	pg/L
PCB 195 (BZ)	ND	40	1.1	pg/L
PCB 196 (BZ)	ND	40	0.93	pg/L
PCB 197 (BZ)	ND	40	0.69	pg/L
PCB 198 (BZ)	ND	40	0.96	pg/L
PCB 201 (BZ)/199 (IUPAC)	ND	40	0.96	pg/L
PCB 199 (BZ)/200 (IUPAC)	ND	40	0.68	pg/L
PCB 200 (BZ)/201 (IUPAC)	ND	40	0.65	pg/L
PCB 202 (BZ)	ND	40	0.74	pg/L
PCB 203 (BZ)	ND	40	0.85	pg/L
PCB 204 (BZ)	ND	40	0.72	pg/L
PCB 205 (BZ)	ND	40	0.82	pg/L
PCB 206 (BZ)	ND	40	1.2	pg/L
PCB 207 (BZ)	ND	40	0.80	pg/L

Method Blank Report
Trace Level Organic Compounds

Lot - Sample #....: H3I200000 - 028B Work Order #....: M117J1AA Matrix....: WATER
 Dilution Factor: 1
 Prep Date....: 09/22/13 Analysis Date....: 10/01/13
 Prep Batch #: 3263028
 Initial Wgt/Vol : 1000 mL Instrument ID....: M1D Method: EPA-22 1668A
 Analyst ID....: Patricia(Trish) M. Parsly

PARAMETER	RESULT	MINIMUM LEVEL	ESTIMATED DETECTION LIMIT	UNITS
PCB 208 (BZ)	ND	40	0.81	pg/L
PCB 209 (BZ)	3.5	J	1.1	pg/L

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 1	62	30 - 140
13C12-PCB 3	62	30 - 140
13C12-PCB 4	79	30 - 140
13C12-PCB 15	81	30 - 140
13C12-PCB 19	77	30 - 140
13C12-PCB 37	84	30 - 140
13C12-PCB 54	73	30 - 140
13C12-PCB 77	83	30 - 140
13C12-PCB 81	79	30 - 140
13C12-PCB 104	74	30 - 140
13C12-PCB 105	75	30 - 140
13C12-PCB 114	73	30 - 140
13C12-PCB 118	74	30 - 140
13C12-PCB 123	72	30 - 140
13C12-PCB 126	75	30 - 140
13C12-PCB 155	81	30 - 140
13C12-PCB 156	85	C
13C12-PCB 157	85	C
13C12-PCB 167	89	30 - 140
13C12-PCB 169	73	30 - 140
13C12-PCB 170	81	30 - 140
13C12-PCB 188	86	30 - 140
13C12-PCB 189	85	30 - 140
13C12-PCB 202	100	30 - 140
13C12-PCB 205	75	30 - 140
13C12-PCB 206	89	30 - 140
13C12-PCB 208	95	30 - 140
13C12-PCB 209	81	30 - 140

Method Blank Report**Trace Level Organic Compounds**

Lot - Sample #....: H3I200000 - 028B

Work Order #....: M117J1AA

Matrix....: WATER

Dilution Factor: 1

Prep Date....: 09/22/13

Analysis Date....: 10/01/13

Prep Batch #: 3263028

Initial Wgt/Vol : 1000 mL

Instrument ID....: M1D

Method: EPA-22 1668A

Analyst ID....: Patricia(Trish) M. Parsly

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 28	91	40 - 125
13C12-PCB 111	98	40 - 125
13C12-PCB 178	98	40 - 125

QUALIFIERS

- C Co-eluting isomer.
- J Estimated Result.
- Q Estimated maximum possible concentration (EMPC).

LABORATORY CONTROL SAMPLE DATA REPORT

Trace Level Organic Compounds

Client Lot # ...: H3I170418 Work Order # ...: M117J1AC-LCS Matrix: WATER
 LCS Lot-Sample# : H3I200000 - 028
 Prep Date: 09/22/13 Analysis Date ..: 09/30/13
 Prep Batch # ...: 3263028
 Dilution Factor : 1
 Analyst ID.....: Patricia(Trish) M. Parsl Instrument ID..: M1D Method.....: EPA-22 1668A
 Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RECOVERY LIMITS
PCB 1 (BZ)	1000	836	pg/L	84	(50 - 150)
PCB 3 (BZ)	1000	892	pg/L	89 B	(50 - 150)
PCB 4 (BZ)	1000	934	pg/L	93 B	(50 - 150)
PCB 15 (BZ)	1000	980	pg/L	98 B	(50 - 150)
PCB 19 (BZ)	1000	1060	pg/L	106	(50 - 150)
PCB 37 (BZ)	1000	1080	pg/L	108	(50 - 150)
PCB 54 (BZ)	1000	970	pg/L	97	(50 - 150)
PCB 77 (BZ)	1000	987	pg/L	99	(50 - 150)
PCB 81 (BZ)	1000	982	pg/L	98	(50 - 150)
PCB 104 (BZ)	1000	972	pg/L	97	(50 - 150)
PCB 105 (BZ)	1000	1120	pg/L	112	(50 - 150)
PCB 114 (BZ)	1000	1140	pg/L	114	(50 - 150)
PCB 118 (BZ)	1000	1110	pg/L	111	(50 - 150)
PCB 123 (BZ)	1000	1270	pg/L	127	(50 - 150)
PCB 126 (BZ)	1000	1180	pg/L	118	(50 - 150)
PCB 155 (BZ)	1000	982	pg/L	98	(50 - 150)
PCB 156 (BZ)	2000	2090	pg/L	105 C	(50 - 150)
PCB 157 (BZ)	2000	2090	pg/L	105 C C156	(50 - 150)
PCB 167 (BZ)	1000	1100	pg/L	110	(50 - 150)
PCB 169 (BZ)	1000	1060	pg/L	106	(50 - 150)
PCB 188 (BZ)	1000	930	pg/L	93	(50 - 150)
PCB 189 (BZ)	1000	1130	pg/L	113	(50 - 150)
PCB 202 (BZ)	1000	927	pg/L	93	(50 - 150)
PCB 205 (BZ)	1000	1180	pg/L	118	(50 - 150)
PCB 206 (BZ)	1000	923	pg/L	92	(50 - 150)
PCB 208 (BZ)	1000	947	pg/L	95	(50 - 150)
PCB 209 (BZ)	1000	1120	pg/L	112 B	(50 - 150)

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C12-PCB 1	68	(30 - 140)
13C12-PCB 3	66	(30 - 140)
13C12-PCB 4	82	(30 - 140)
13C12-PCB 15	80	(30 - 140)
13C12-PCB 19	79	(30 - 140)
13C12-PCB 37	83	(30 - 140)
13C12-PCB 54	74	(30 - 140)
13C12-PCB 77	82	(30 - 140)
13C12-PCB 81	78	(30 - 140)
13C12-PCB 104	77	(30 - 140)
13C12-PCB 105	73	(30 - 140)

LABORATORY CONTROL SAMPLE DATA REPORT

Trace Level Organic Compounds

Client Lot # ...: H3I170418
 LCS Lot-Sample# : H3I200000 - 028

Work Order # ...: M117J1AC-LCS

Matrix: WATER

<u>INTERNAL STANDARD</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
13C12-PCB 114	71	(30 - 140)
13C12-PCB 118	71	(30 - 140)
13C12-PCB 123	69	(30 - 140)
13C12-PCB 126	76	(30 - 140)
13C12-PCB 155	84	(30 - 140)
13C12-PCB 156	86 C	(30 - 140)
13C12-PCB 157	86 C	(30 - 140)
13C12-PCB 167	86	(30 - 140)
13C12-PCB 169	72	(30 - 140)
13C12-PCB 170	82	(30 - 140)
13C12-PCB 188	84	(30 - 140)
13C12-PCB 189	81	(30 - 140)
13C12-PCB 202	95	(30 - 140)
13C12-PCB 205	75	(30 - 140)
13C12-PCB 206	92	(30 - 140)
13C12-PCB 208	92	(30 - 140)
13C12-PCB 209	83	(30 - 140)
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
13C12-PCB 28	92	(40 - 125)
13C12-PCB 111	102	(40 - 125)
13C12-PCB 178	96	(40 - 125)

Notes:

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

C Co-eluting isomer.

Sample Receipt Documentation

3-21-2013 3:56:11,216

143170418

CHAIN OF CUSTODY AND ANALYTICAL REQUEST RECORD										CC# No.	PO No.	1498	Project No.	1334	Page	1 of 2	
EnSafe Inc. 800-588-7962		Site Location UTC Camer Syracuse, NY Send Results To tcawell@ensafe.com; mthelin@ensafe.com		Sample Analysis Requested (Enter number of containers for each test)										Hold		Extra Volume for MSDS	
EnSafe Contact Phone# Tina Cantwell (901) 372-7962 and May Heflin (615) 255-9300		Turnaround Time(Specific): contract TAT										Total No. of Contingencies		PCB (EPA method 1668A) - Congener			
Lab Name: Test America - North Canton				Location ID (sys_loc_code)		Time (min/day)		Mark Code (H/mm)		Sample Type (2)		Field Filtered (Y/N)					
-OUTFALL01-3Q13		OUTFALL001		1/12/13		1/12/13		SU		N		N		X			
-OUTFALL01A-3Q13		OUTFALL01A		1/12/13		1/12/13		SU		N		N		X			
SWTP-PS2-3Q13		SWTP PS2		2/12/13		1/12/13		SU		N		N		X			
SWTP-MH3-3Q13		SWTP MH3		1/12/13		1/12/13		SU		N		N		X			
SWTP-MH2-3Q13		SWTP MH2		1/12/13		1/12/13		SU		N		N		X			
SWTP-EFF-3Q13		SWTP EFF		1/12/13		1/12/13		SU		N		N		X			
MH7-3Q13		MH7		1/12/13		1/12/13		SU		N		N		X			
MH9-3Q13		MH9		1/12/13		1/12/13		SU		N		N		X			
MH42-3Q13		MH42		1/12/13		1/12/13		SU		N		N		X			
MH41-3Q13		MH41		1/12/13		1/12/13		SU		N		N		X			
MH175-3Q13		MH175		1/12/13		1/12/13		SU		N		N		X			
MH181-3Q13		MH181		1/12/13		1/12/13		SU		N		N		X			
Field Comments:										Lab Comments:							
Lab to report Total PCB Congeners somewhere in Lab Report										Sample Shipment and Delivery Details							
Requisitioned by (Signature)		Date		Time		Received by (signature)		Date		Time		Samples Tracked Yes _____ No _____		Number of trailers in shipment			
1		2/13/13		13:00		1		2/14/13		13:00		Method of Shipment:					
2												Airbill No:					
3												Date Shipped:					
1. Dredged Sediment, MS=astic, DC=dust, SC=cement/concrete, SE=sediment, SF=filter sand/gravel, SU=sludge, SW=sludge/mud, SO=solid building materials, SD=soil, ST=stain, TS=tissue, WS=ground water, WL=leachate, WO=ocean water, WP=drinking water, SW=storm water, SH=source water, SR=water, WW=waste water										2. Duplicate Samples, FR=Field Replicates, NS=No replicate blank, N=Normal Environmental Sample, R=Reference/Raise Sample, TA=Trip Blank							
3. Preservatives, SA=Sulfuric Acid, HO=Acetic Acid, HC=Heptane, ME=Methanol, SS=Sodium bisulfate, ST=Sodium Thiosulfate, TN=No preservative added, LE=Levoglucosan										Rev. 12/12							

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CHAIN OF CUSTODY AND ANALYTICAL REQUEST RECORD

CHAIN OF CUSTODY AND ANALYTICAL REQUEST RECORD										Code No.	Page	2 of 2
Project Name: UTC Carrier PCBMP Monitoring Plan Q3-2013				2010		14398		Project No.: 13334		Phase: 02		
Site Location: UTC Carrier, Syracuse, NY												
Ersafe Inc. 800-588-7962		Send Results To: brantwell@ersafe.com; mhelfin@ersafe.com; adimmerman@ersafe.com										
Ersafe Contact Phone #: Tina Cantrell (601) 372-7962 and May Heflin (615) 255-9300												
Lab Name: Test America - North Canton										Turnaround Time (specify): contract TAT		
Lab ID	Sample ID (sys. sample code)	Location ID (sys. loc. code)	Location (sys. loc. name)	Date (mm/dd/yy)	Time (Military) (hh:mm)	Matrix (thinum)	Sample Code (1)	Field Filtered (0/1)	Field (2)	Extra Volume for MS/MSD	Hold	
MH132-3Q13	7	MH182	2-12-13	1348	SU	N	N	3	X			
MH312-3Q13	✓	MH312		1400	SU	N	N	3	X			
MH313-3Q13	✓	MH313		1400	SU	N	N	3	X			
MH116A-3Q13	✓	MH116A		1120	SU	N	N	3	X			
MHP1W-3Q13	✓	MHP1W		1105	SU	N	N	3	X			
MH151-3Q13	✓	MH151	V	1052	SU	N	N	3	X			
Field Comments:										Lab Comments:		
Lab to report Total PCB Congeners somewhere in Lab Report										Received by (Signature)		
Reaffirmed by (signature)	Date	Time	Date	Time	Samples Reaffirmed Yes _____ No _____							
1	<i>D. D. L. 9/13/13</i>	1900	<i>9/13/13</i>	1000	Method of Shipment:							
2					Airbill No.:							
3					Date Shipped:							

TESTAMERICA KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST

Lot Number: 1A31170418

Review Items	Yes	No	NA	If No, what was the problem?	Comments/Actions Taken
1. Do sample container labels match COC? (IDs, Dates, Times)	/			<input type="checkbox"/> 1a Do not match COC <input type="checkbox"/> 1b Incomplete information <input type="checkbox"/> 1c Marking smeared <input type="checkbox"/> 1d Label torn <input type="checkbox"/> 1e No label <input type="checkbox"/> If COC not received <input type="checkbox"/> 1g Other:	<u>S - Received 9 am left 1-6 Not in ice box lot on COC KL 9/17</u>
2. Is the cooler temperature within limits? (> freezing temp. of water to 6°C, VOST: 10°C)	/			<input type="checkbox"/> 2a Temp Blank = _____ <input type="checkbox"/> 2b Cooler Temp = _____ <input type="checkbox"/> 2c Cooling initiated for recently collected samples, ice present.	
3. Were samples received with correct chemical preservative (excluding Encore)?	/			<input type="checkbox"/> 3a See box 3A for pH Preservation	
4. Were custody seals present/intact on cooler and/or containers?	/			<input type="checkbox"/> 4a Not present <input type="checkbox"/> 4b Not intact <input type="checkbox"/> 4c Other:	
5. Were all of the samples listed on the COC received?	/			<input checked="" type="checkbox"/> 5a Samples received-not on COC <input type="checkbox"/> 5b Samples not received-on COC	
6. Were all of the sample containers received intact?	/			<input type="checkbox"/> 6a Leaking <input type="checkbox"/> 6b Broken <input type="checkbox"/> 7a Headspace (VOA only)	
7. Were VOA samples received without headspace?	/			<input type="checkbox"/> 8a Improper container <input type="checkbox"/> 9a Could not be determined due to matrix interference	
8. Were samples received in appropriate containers?	/			<input type="checkbox"/> 10a Holding time expired <input type="checkbox"/> 11a Incomplete information	
9. Did you check for residual chlorine, if necessary? (e.g. 1613B, 1668)	/			<input type="checkbox"/> 12a For rad samples, was sample activity info. provided? <input type="checkbox"/> 12b For 1613B water samples is pH<9?	
10. Were samples received within holding time?	/				
11. For rad samples, was sample activity info. provided?	/				
12. For 1613B water samples is pH<9?	/				
13. Are the shipping containers intact?	/			<input type="checkbox"/> 13a Leaking <input type="checkbox"/> 13b Other:	Box 9A: Residual Chlorine
14. Was COC relinquished? (Signed/Dated/Timed)	/			<input type="checkbox"/> 14a Not relinquished	Box 3A: pH Preservation
15. Are test/parameters listed for each sample?	/			<input type="checkbox"/> 15a Incomplete information	Preservative: _____
16. Is the matrix of the samples noted?	/			<input type="checkbox"/> 15a Incomplete information	Lot Number: _____
17. Is the date/time of sample collection noted?	/			<input type="checkbox"/> 15a Incomplete information	Exp Date: _____
18. Is the client and project name/# identified?	/			<input type="checkbox"/> 15a Incomplete information	Analyst: _____
19. Was the sampler identified on the COC?	/			<input type="checkbox"/> 19a Other	Date: _____ Time: _____
Quote #: <u>510911</u>	<u>PM Instructions:</u>				
Sample Receiving Associate: <u>Karen L. W.</u>	Date: <u>9/17/13</u>				

3.2, 2.0, 3.8, 3.6, 1.2, 1.2, 6



CHAIN OF CUSTODY AND ANALYTICAL REQUEST RECORD

- (1) Matrix I
- SQ=Soil/Solid
- (2) Sample
- (3) Preserv.

duct
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old
side,

Rev. 12

Rev. 12/12



CHAIN OF CUSTODY AND ANALYTICAL REQUEST RECORD

Project Name: TTIC Carrier BCBMP Monitoring Plan 03 2013

EnSafe Inc.
800-588-7962

CHAIN OF CUSTODY AND ANALYTICAL REQUEST RECORD																																																																																										
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Site Location: UTC- Carrier Syracuse, NY		PO No.	14398	Project No.	13334	Phase 02																																																																																				
Send Results To: tcantwell@ensafe.com; mheffin@ensafe.com; azimmerman@ensafe.com		Sample Analysis Requested (Enter number of containers for each test)																																																																																								
Ensafet Contact Phone# Tina Cantwell (901) 372-7962 and May Heffin (615) 255-9300		(3)																																																																																								
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**TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility**

Login # : 29036

Client <u>CNSAFC</u>	Site Name	Cooler unpacked by: <u>CL</u>			
Cooler Received on <u>9/14/13</u>	Opened on <u>9/16/13</u>				
FedEx: 1 st Grd <input checked="" type="checkbox"/> Exp <input type="checkbox"/> UPS FAS Stetson	Client Drop Off <input type="checkbox"/> TestAmerica Courier <input type="checkbox"/> Other				
TestAmerica Cooler #	Foam Box	Client Cooler	Box	Other	
Packing material used: <input checked="" type="checkbox"/> Bubble Wrap <input type="checkbox"/> Foam <input type="checkbox"/> Plastic Bag	None	None	None	Other	

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A (CF -1 °C) Observed Cooler Temp. °C Corrected Cooler Temp. °C
 IR GUN# 4 (CF 0 °C) Observed Cooler Temp. °C Corrected Cooler Temp. °C
 IR GUN# 5 (CF +1 °C) Observed Cooler Temp. °C Corrected Cooler Temp. °C
 IR GUN# 8 (CF -0 °C) Observed Cooler Temp. °C Corrected Cooler Temp. °C

See Multiple
Cooler Form

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 6 Yes No

-Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA

-Were custody seals on the bottle(s)? Yes No

3. Shippers' packing slip attached to the cooler(s)? Yes No

4. Did custody papers accompany the sample(s)? Yes No

5. Were the custody papers relinquished & signed in the appropriate place? Yes No

6. Did all bottles arrive in good condition (Unbroken)? Yes No

7. Could all bottle labels be reconciled with the COC? Yes No

8. Were correct bottle(s) used for the test(s) indicated? Yes No

9. Sufficient quantity received to perform indicated analyses? Yes No

10. Were sample(s) at the correct pH upon receipt? Yes No N/A pH Strip Lot# HC376062

11. Were VOAs on the COC? Yes No

12. Were air bubbles >6 mm in any VOA vials? Yes No N/A

13. Was a trip blank present in the cooler(s)? Yes No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by Mark CB Bern

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

**TestAmerica Multiple Cooler Receipt Form/Narrative
Canton Facility**

Login #: 29036